SAMSUNG

Galaxy S6

SMARTPHONE

User Manual

Please read this manual before operating your device and keep it for future reference.

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Read this information before using your mobile device.

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The online version of the Health/Safety and Warranty guide for your device can be found at:

English
samsung.com/us/Legal/Phone-HSGuide

Spanish
samsung.com/us/Legal/Phone-HSGuide-SP

Location of Legal Information on the device:

Health and Safety Information
Settings > **About phone** > **Legal information** > **Samsung legal** > **Health and Safety**

Warranty
Settings > **About phone** > **Legal information** > **Samsung legal** > **Warranty**

EULA
Settings > **About phone** > **Legal information** > **Samsung legal** > **End User License Agreement**

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Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View

Proximity sensor
Earpiece
Status Light
Front camera
Volume keys
Power/Lock key
Recent
Back
Home key/Finger Print Scanner
SAMSUNG
12:45 PM
Sun, March 1
52°
New York

- **Back**: Return to the previous screen or close a dialog box, menu, or keyboard.
- **Earpiece**: Listen to a call.
- **Front camera**: Take self-portraits and record videos of yourself.
- **Home key/Finger Print Scanner**: Return to the Home screen. Activate the Fingerprint security feature.
- **Proximity sensor**: Detect the presence of objects near the device.
- **Recent**: Display recent apps or touch and hold for Home screen options.
- **Power/Lock key**: Lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode and Emergency Mode.
- **Status light**: Display a red light when charging or the battery is low, a blue light when a notification has arrived or you are voice recording, and a green light when fully charged.
- **Volume keys**: Adjust the volume of your device's sounds and audio.

Back View

Microphone
Infrared transmitter
Rear camera
Flash
Heart rate sensor
SAMSUNG
SIM tray
Galaxy S6
Speaker
Headset jack
Microphone
USB charger/ Accessory port

- **Rear camera**: Take pictures and record videos.
- **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.
- **Headset jack**: Connect an optional headset.
- **Heart rate sensor**: Measure your heart rate via your fingertip when using the S Health app.
- **Infrared transmitter**: Control external devices using infrared light.
- **Microphone**: Record audio and detects voice commands.
- **SIM tray**: Store the SIM card.
- **Speaker**: Play music and other sounds.
- **USB charger/Accessory port**: Connect the Charger/USB cable (included) and other optional accessories (not included).

Assemble Your Device

This section helps you to assemble your device.

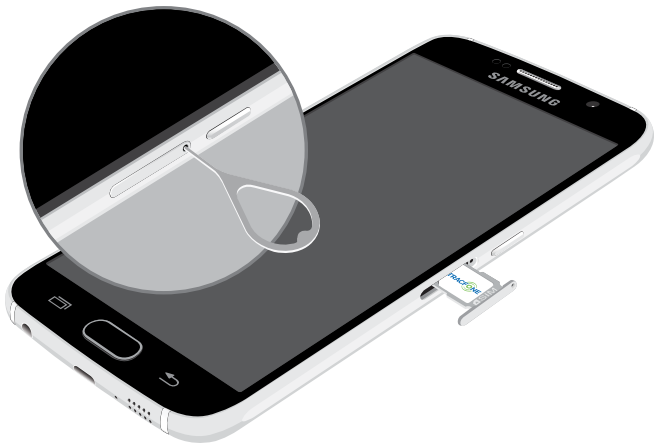
Install the SIM Card

Note: Your phone comes with the SIM card already installed. If you need to replace your SIM card, follow these steps.

When you subscribe to a cellular network, you are provided with a plug-in SIM card. During activation, your SIM card is loaded with your subscription details, such as your PIN, available optional services, and other features.

Warning: Please be careful when handling the SIM card to avoid damaging it. Keep all SIM cards out of reach of small children.

Caution: Exercise care when using the metallic SIM removal tool to eject the internal SIM card slot.



1. **Insert the SIM removal tool into the hole on the SIM tray, and push until the tray pops out.**
2. **Place the SIM card on the tray, and slide the tray back into the slot.**

Caution: If the card is not inserted correctly, the device cannot detect the SIM card. Re-orient the card and place it back into the slot if the SIM is not detected.

Charge the Battery

Note: For fastest charging times, use the Adaptive Fast Charging charger that came with your phone. This charger provides faster charging only when connected to devices that support Adaptive Fast Charging.

Caution: Use only Samsung-approved charging devices. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

1. Insert the USB cable into the port.
2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. When charging is complete, unplug the charging head from the outlet and remove the USB cable from the device.

When to Charge the Battery

When the battery is weak and only a few minutes of operation remain, the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

- For a quick check of your battery level, view the battery charge indicator located in the upper right corner of your device's display. A solid color ( ) indicates a full charge.

  You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see "Battery" on page 180.

Set Up Your Device

Turn on and configure your phone.

Turn the Device On

► Press and hold the **Power** key until the device vibrates and starts up.

Turn the Device Off

1. Press and hold the **Power** key until the device vibrates and the Device options menu displays.
2. Tap **Power off**.
3. In the window that appears, tap **POWER OFF**.

Configure Your Phone

When you first turn on your phone, you will need to set up a few things.

1. As each screen is displayed, follow the instructions on each screen to set up that particular feature.
2. Tap **NEXT**, **SKIP**, or **LATER** to progress to the next screen.

Note: Galaxy TalkBack provides voice prompts and descriptions of on-screen items to improve accessibility. During setup, you can enable or disable Galaxy TalkBack by pressing the Home key quickly three times (triple-press).

Secure Your Device

Use your device's screen lock features to secure your device.

Lock the Device

By default, the device locks automatically when the screen times out.

► To lock the device, press the **Power** key.

Unlock the Device

The default Screen lock on your device is Swipe.

► To unlock your device, press the **Power** key or **Home** key, and then drag your finger across the screen.

Set Up a Secure Screen Lock

The default Screen lock is Swipe which offers no security. To choose a more secure screen lock, see "Set a Screen Lock" on page 151.

Reset the Device

Should your device stop responding to taps or finger gestures and you are unable to turn it off, you can reset your device.

► Press and hold the **Power** key and the **Volume Down** key at the same time for more than seven seconds.

Set Up Accounts

Google Account

Your new device uses your Google Account to fully utilize its Android features, including Gmail, Google Hangouts, and the Google Play store.

When you first turn on your phone, set up your existing Google Account, or create a new Google Account.

– or –

Use Account settings at any time to create a new account or set up your existing account.

► From a Home screen, tap **Apps** > **Settings** > **Accounts** > **Add account** > **Google**.

Samsung Account

Create a Samsung account, for access to Samsung content and apps on your device.

When you first turn on your phone, set up your existing Samsung account, or create a new Samsung account.

– or –

Use Account settings at any time to create a new account or set up your existing account.

► From a Home screen, tap **Apps** > **Settings** > **Accounts** > **Add account** > **Samsung account**.

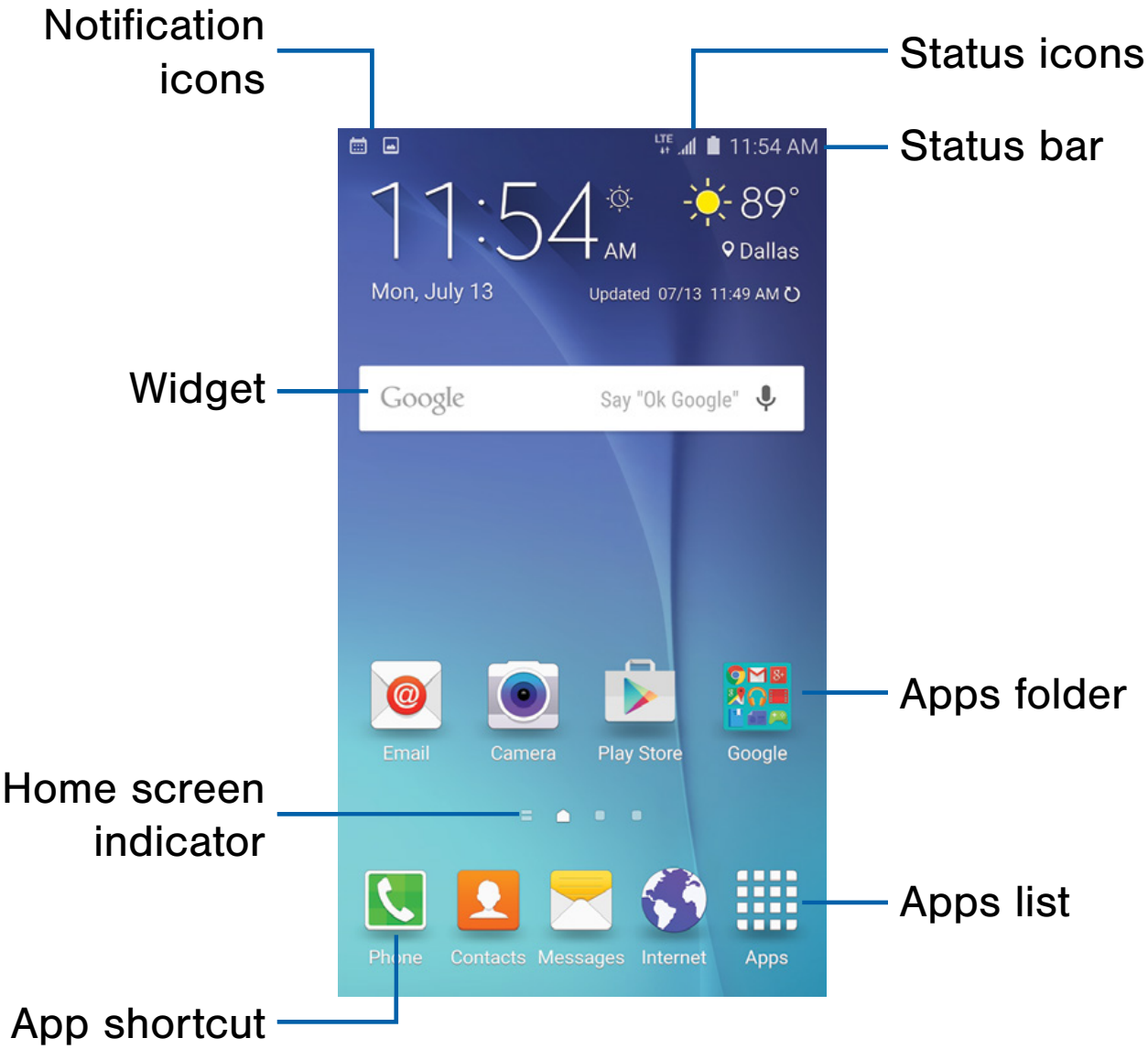
Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen

The Home screen is the starting point for using your device.



- **Apps folder**: For your convenience, there are several applications that are grouped into a folder on the main Home screen.
- **Apps list**: Allows quick access to all of your applications.
- **App shortcut**: These are shortcuts to your favorite applications.
- **Home screen indicator**: Indicates which Home screen is presently displayed. Swipe across the screen to the right to open My Magazine.
- **Notification icons**: Display new messages and emails, notifications, available software updates, and so on.
- **Status bar**: Displays device status icons (right) and notification icons (left).
- **Status icons**: Display information about the device, such as the network signal strength, battery level, the time, and so on.
- **Widget**: Self-contained application that runs on the Home screen (not shortcuts).

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

To access the Home Screen Manager:

► From a Home screen, pinch the screen.

– or –

Touch and hold an empty space on the screen.

Manage Home Screens

Your device comes with multiple Home screens to hold apps and widgets. You can rearrange the Home screens in a different order.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
   - **Add a screen**: Scroll to the end of the screens, and then tap + **Add**.
   - **Remove a screen**: Touch and hold on a screen, and then drag it to **Remove**.
   - **Set a screen as the main Home screen**: Tap **Main Home screen** at the top of a screen. This screen displays when you press the Home key.
   - **Change the order of screens**: Touch and hold on a screen, and then drag to a new position.
   - **Flipboard Briefing**: Scroll to the left of the screens to find the Flipboard Briefing screen. To activate this feature, tap the check box at the top center of the screen.

Wallpapers

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers**.

For more information, see "Wallpaper" on page 149 in Settings.

To access Wallpaper settings:

► From a Home screen, tap **Apps** > **Settings** > **Wallpaper**.

Widgets

Widgets are self-contained apps that run on a Home screen. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to a Home Screen

1. From a Home screen, pinch the screen.
2. Tap **Widgets**.
3. Touch and hold a widget, drag it to a Home screen, and then release it.

Remove a Widget

1. From a Home screen, touch and hold a widget to release it.
2. Drag the widget to **Remove** and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

Themes

Set visual themes for all system screens and icons on your phone.

1. From a Home screen, pinch the screen.
2. Tap **Themes**.

For more information, see "Themes" on page 150 in Settings.

To access Theme settings:

► From a Home screen, tap **Apps** > **Settings** > **Themes**.

Screen Grid

Change the number of icons that can be placed on each Home screen by changing the Screen grid dimensions.

1. From a Home screen, pinch the screen.
2. Tap **Screen grid**.
3. Tap a dimension option (**4 x 4**, **4 x 5**, or **5 x 5**) to preview its appearance. The numbers indicate how many icons can be placed horizontally by how many icons can be placed vertically.
4. Tap **APPLY** to apply the selected dimensions.

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

1. From a Home screen, tap **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen, and then release it.

Remove a Shortcut

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to **Remove** and release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

Folders

Place folders on a Home screen to organize items.

Create a Folder

You can create app folder on a Home screen.

1. Touch and hold an app icon and drag it on top of another app until a highlighted box appears.
2. Release the app icon to create the folder.
   - Tap **Enter folder name** to enter a name for the folder.
   - Tap **Palette** to change the color.
3. Tap anywhere outside of the folder to close it.
   - To add more apps, touch an hold an app icon and drag it to the folder.

Add a Folder to a Home Screen

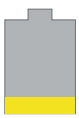
1. From a Home screen, tap **Apps**.
2. Touch and hold a folder, drag it to a Home screen, and then release it.

Remove a Folder from a Home Screen

1. Touch and hold the folder until it detaches.
2. Drag the folder to **Remove** and release it.

Status Bar

The Status bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left side.

Status Icons	
	Battery is fully charged.
	Battery is low.
	Battery is charging.
	Vibrate mode is enabled.
	Mute mode is enabled.

Status Icons	
	The device is connected to a 4G LTE wireless network.
	Signal strength.
	Wi-Fi is active.
	No wireless network is available.
	NFC (Near-Field Communication) is enabled.

Notification Icons

	Missed call.
	Call in progress.
	Call is on hold.
	Call is using speakerphone.
	New email has arrived.
	New Gmail has arrived.
	New voicemail message has been received.
	New text or multimedia message has arrived.
	Download of a file or app is in progress.
	File is being uploaded or sent.
	Location service (GPS) is active.

Notification Icons

	App updates are available from the Google Play store.
	App updates are complete.
	Keyboard is in use.

Navigation

Learn the basics for how to navigate through your device, and basics for how to customize screens by editing, sharing, and deleting items.

Touchscreen Navigation

Use the following motions and gestures on your touchscreen to navigate the device.

Tap

Lightly tap items to select or launch them.

- Tap the onscreen keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app icon to launch the application.

Touch and Hold

Touch and hold onscreen items to activate them.

- Touch and hold a widget on the Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

Touch and hold an item, and then drag to move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom in while viewing a picture or a web page.
- Spread your fingers on the screen to zoom out while viewing a picture or a web page.

Motions and Gestures

Control your device by making specific gestures with your hand above the device's screen. For more information, see "Motions and Gestures" on page 142 in Settings.

To access the Motions and Gestures settings:

► From a Home screen, tap **Apps** > **Settings** > **Motions and Gestures**.

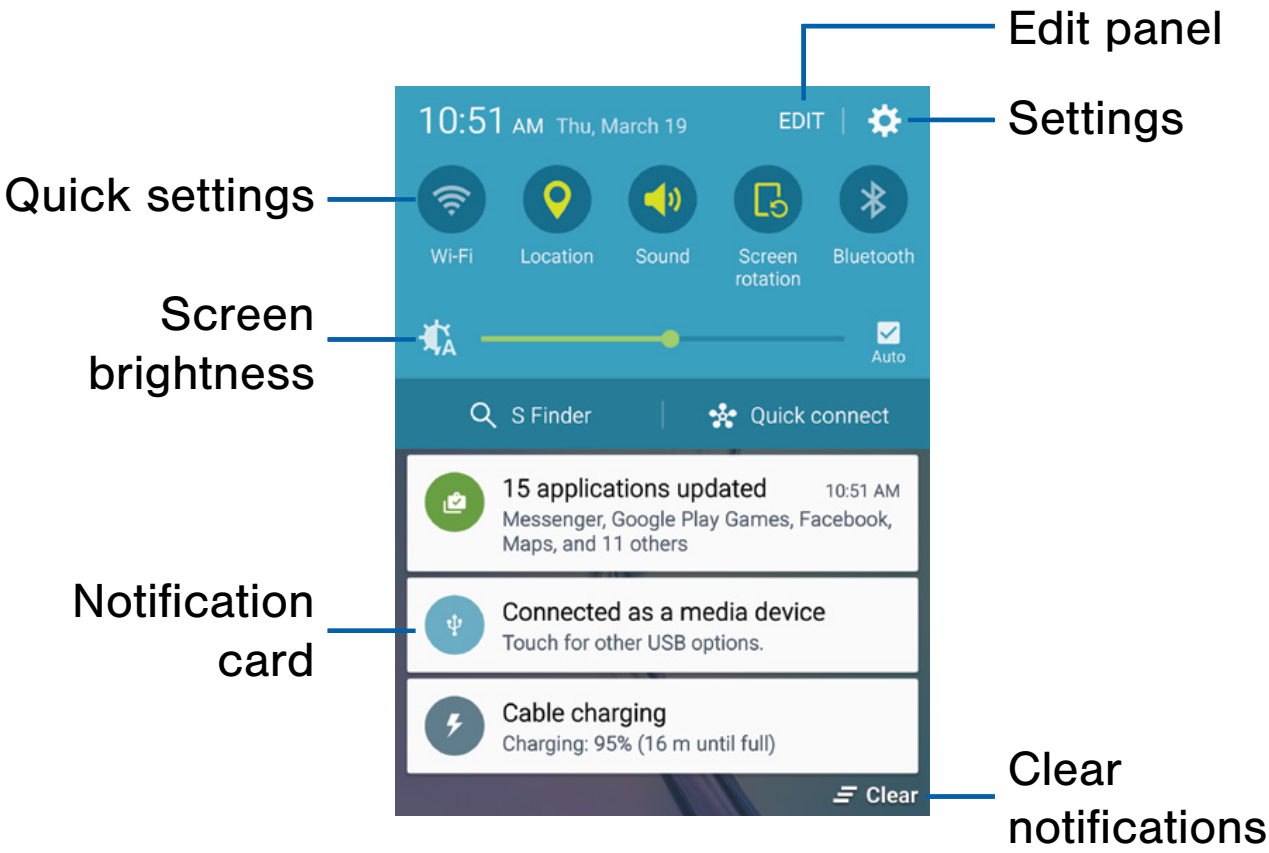
Common Options

The device uses basic command options to perform common actions.

- **MORE**: Tap to view more menu options for a screen. This will usually also allow you to select items to delete or share.
- **DELETE**: Tap to select items to delete. Often you can tap a check box at the top of the screen to select all.
- **SHARE**: Tap to select items to share, and a sharing method. Often you can tap a check box at the top of the screen to select all.
- **EDIT**: Tap to customize the screen.

Notification Panel

Notification icons on the Status bar display calendar events, device status, and more. For details, open the Notification panel.



- **Clear notifications**: Tap to clear all notifications.
- **Edit panel**: Tap to change settings for the Notification panel, including which Quick settings buttons are visible.
- **Notification card**: Tap to see details about a notification. Swipe a notification card to the right to dismiss it.
- **Quick settings**: Tap to quickly enable or disable a feature. Swipe to the left to see more settings.
- **Screen brightness**: Drag the slider to adjust screen brightness. Tap **Auto** to have the phone set the screen brightness using its light sensor.
- **Settings**: Tap to open the Settings screen.

View the Notification Panel

1. Swipe down on the Status bar to display the Notification panel.
2. Swipe the list of notifications to see details.
   - Tap an item to open it.
   - To clear a single notification, drag the notification left or right. Tap **Clear** to clear all notifications.
3. To close the Notification panel, swipe upward from the bottom of the screen or tap **Back**.

Quick Settings

In addition to notifications, the Notification panel provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

To view additional Quick settings:

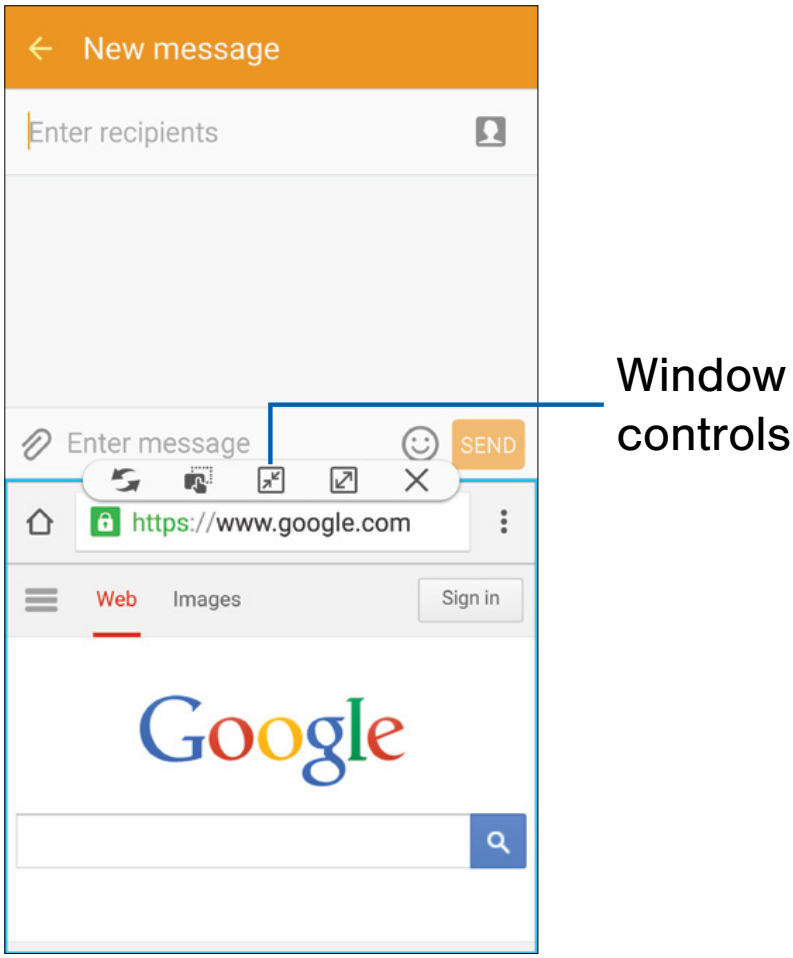
- On the Notification panel, swipe left or right across the visible icons.

To customize the Quick settings that appear:

- On the Notification panel, tap **EDIT**.

Multi Window

Multitask by using multiple applications at the same time.



Activate Multi Window

Apps that support Multi window display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

Note: Multi window is not available for all apps.

1. From any screen, touch and hold **Recent**.
2. If you are currently using an app that supports Multi window, tap another app to add it in split screen view.

   - or -

   Tap two apps that support Multi window to open them in split screen view.

You can also launch recently used apps directly into Multi window view:

1. Tap **Recent**.
2. Recently used apps that support Multi window have a **Multi window** icon in their title bar. Tap the Multi window icon in the title bar to launch the application in split screen view.
3. Other recently used apps that support Multi window appear below the launched app. Tap the app icon to add it to the split screen view.

Note: Only applications that support Multi window have the Multi window icon.

Window Controls

Select an application window and tap **Controls** in the middle of the window border.

Controls	
	Switch windows: Switch locations between Multi window applications.
	Drag and drop content: Move items between the application windows. Drag an item to share from one window to another. Not all applications support this feature.
	Minimize window: Minimize the selected app window. This turns the app into a circular, movable icon that can be opened by tapping on it.

Controls	
	Maximize window: Open the selected app window in full screen view.
	Close app: Close the selected application.

Enter Text

Text can be entered using an onscreen keyboard or by speaking.

Use the Samsung Keyboard

Enter text using a QWERTY keyboard.

Special Keys

Sym	Tap to insert numbers and symbols.

Touch and hold **Options** to:

	Use Google Voice Typing.
	Access the clipboard.
	Insert an emoticon.
	Change the layout of the keyboard.
	Access keyboard settings.

Predictive Text

Predictive text suggest words matching your text entries, and, optionally, completes common words automatically. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving its accuracy of predicting your text entries.

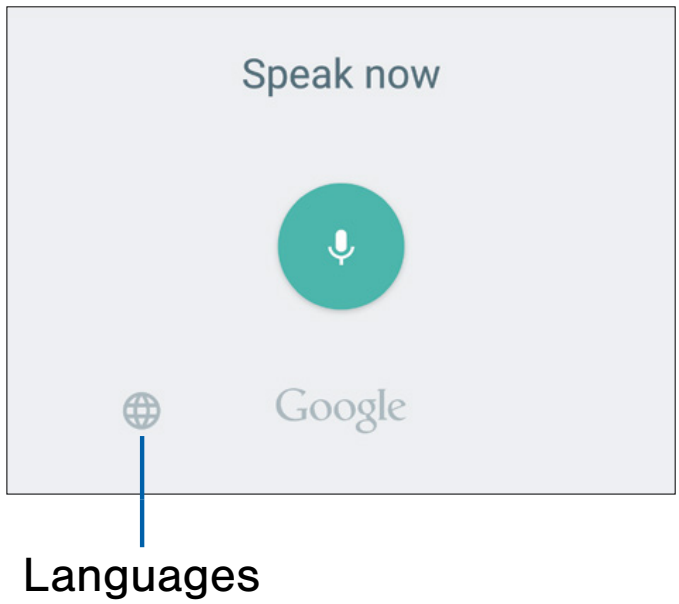
Configure the Samsung Keyboard

To customize the Samsung Keyboard:

1. From a Home screen, tap **Apps** > **Settings** > **Language and input**.
2. Tap **Samsung keyboard** for options.

Use Google Voice Typing

Instead of typing, enter text by speaking.



1. On the Samsung Keyboard, tap **Google voice typing**.
   - You may need to touch and hold **Options** (left of the Space key) to find it.
2. Speak your text.

Note: Tap **Languages** to download additional languages for use with Google voice typing.

Configure Google Voice Typing

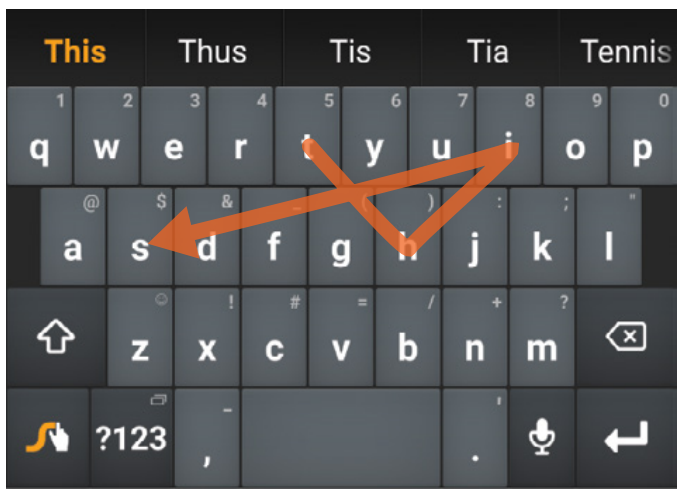
To customize Google Voice Typing:

1. From a Home screen, tap **Apps** > **Settings** > **Language and input**.
2. Tap **Google voice typing** for options.

Use Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus (not included) from letter to letter, lifting your finger or stylus between words.

For example, to enter the word “this”, slide your fingers between the letters “t-h-i-s”.



Enable Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification panel.
2. Tap **Select keyboard**.
3. Tap **Swype**.

Configure Swype

To customize Swype:

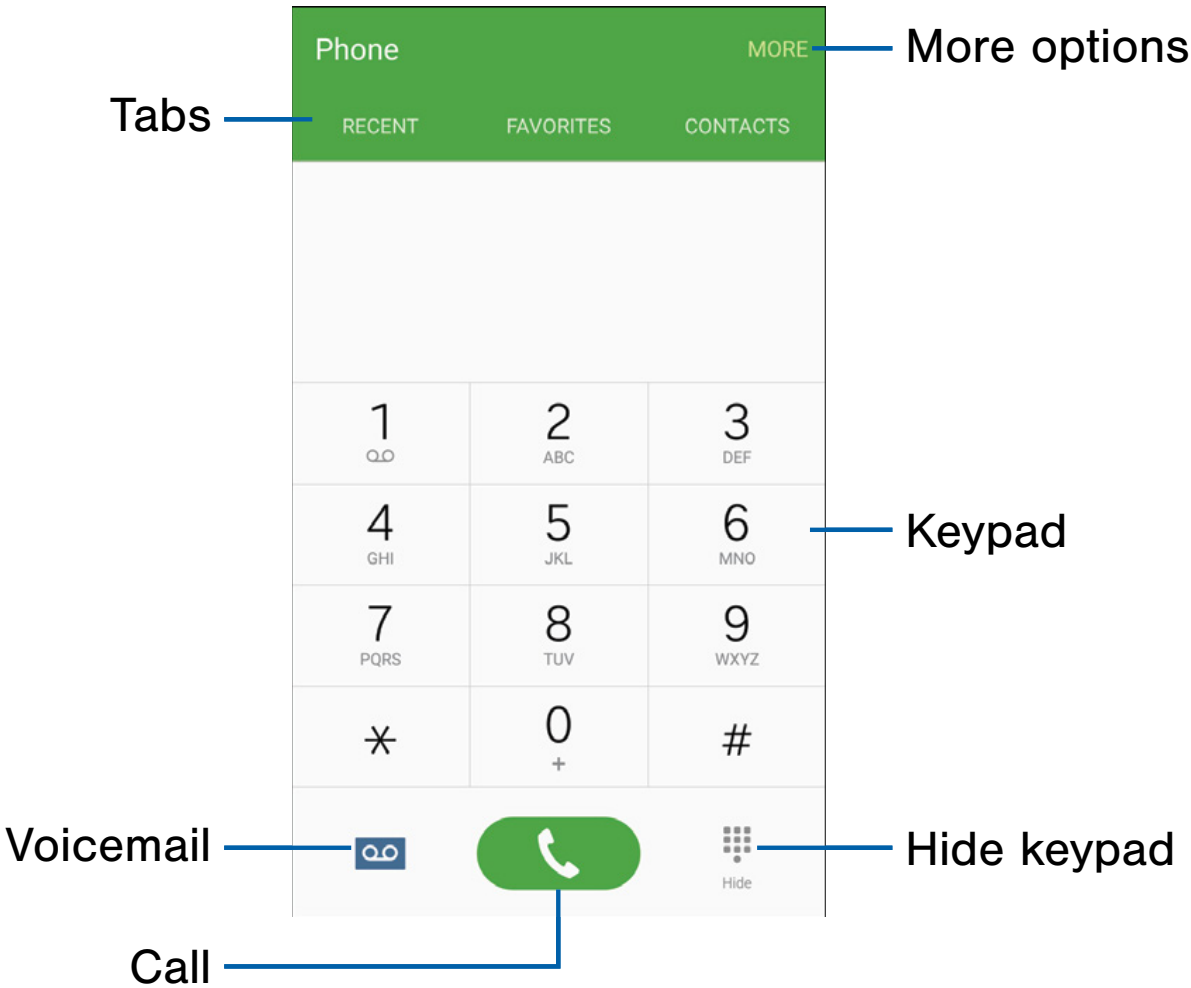
1. From a Home screen, tap **Apps** > **Settings** > **Language and input**.
2. Tap **Swype** for options.

Calling

Make telephone calls using a variety of calling features and services.

Phone Screen

Use the Phone screen to access the dialer keypad, recent calls, favorites, and contacts.



- **Call**: Tap to make your call.
- **Hide keypad**: Hide the keypad and display recent calls. Tap **Keypad** to display the keypad.
- **Keypad**: Tap the number that you want to call.
- **More options**: Access Speed dial and Call settings.
- **Tabs**: Tap **RECENT** to display a list of all dialed, received, and missed calls. Tap **FAVORITES** to display contacts marked as Favorites. Tap **CONTACTS** to display your contacts and then you can select a contact to call.
- **Voicemail**: Tap to set up and check your voicemail. For more information, see "Set Up Your Voicemail" on page 47.

Access Phone

There are a couple of ways to access Phone.

► From a Home screen, tap **Phone**.

– or –

From a Home screen, tap **Apps** > **Phone**.

Display Your Phone Number

You phone number can be found in Settings.

► From a Home screen, tap **Apps** > **Settings** > **About phone** > **Status**.

Your phone number displays in the My phone number field.

Call Settings

There are also a couple of ways to access the Call settings menu.

► From a Home screen, tap **Phone** > **MORE** > **Settings**.

– or –

From a Home screen, tap **Apps** > **Settings** > **Applications** > **Phone**.

Make and Receive Calls

Learn how to make or answer a call. Explore features and functionality associated with making or answering a call.

Make a Call

1. From a Home screen, tap **Phone**.
2. Enter a number on the keypad and tap **Dial**.

Note: If the keypad does not appear, tap the **Keypad** icon.

Quickly Dial a Number from Your Contact List

1. From a Home screen, tap **Apps** > **Contacts**.

   – or –

   From a Home screen, tap **Phone** > **CONTACTS**.
2. While viewing your contact list, swipe your finger across a contact to the right call the contact.

Dial a Recent Number

All incoming, outgoing, and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name is also displayed.

1. From a Home screen, tap **Phone**.
2. Tap **RECENT**. A list of recent calls is displayed.
3. Tap a contact, and then tap **Call**.

Answer a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the contacts list.

► At the incoming call screen:

- Touch and drag **Answer** to the right to answer the call.
- Touch and drag **Reject** to the left to reject the call and send it to your voicemail.
- Touch and drag **REJECT CALL WITH MESSAGE** upward, and select a message.

If you are using an app, a popup screen appears for the incoming call.

► On the incoming call popup screen:

- Tap **Answer** to answer the call.
- Tap **Reject** to reject the call and send it to your voicemail.
- Tap **REJECT CALL WITH MESSAGE**, and select a message.
- Tap **Expand** to exit the app and view the main incoming call screen.

End a Call

► When you are ready to end your call, tap **End**.

Multitask While On a Call

If you exit the call screen and return to a Home screen, your active call is indicated by **Call** on the Status bar.

This lets you continue with your current call and do something else, such as access the contacts list, view a recent email, locate a picture, and so on.

To return to the call screen:

► Swipe the Status bar downward to reveal the Notification panel, and then tap the Call notification.

To end a call from any application:

► Swipe the Status bar downward to reveal the Notification panel, and then tap **End call**.

Options During a Call

Your phone provides a number of functions that you can use during a call.

Adjust the Call Volume

► Press the **Volume** key to increase or decrease the volume.

– or –

Quickly add more volume to the incoming audio by tapping **Extra volume**.

Listen with the Speaker or Bluetooth Headset

Listen to the call using the speaker or through a Bluetooth headset (not included).

► Tap **Speaker** to hear the caller using the speaker.

– or –

Tap **Bluetooth** to use a Bluetooth headset (not included).

Place a New Call While on a Call

If your service plan supports this feature, you can make another call while a call is in progress.

1. From the active call, tap **Add call** to dial the second call.
2. Dial the new number and tap **Dial**. When the call is answered:
   - Tap **Swap** to switch between the two calls.
   - Tap **Merge** to hear both callers at once (multi conferencing).

Call Waiting

If your service plan supports this feature, you can answer an incoming call while you have a call in progress. You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Slide **Answer** in any direction to answer the new call.
2. Tap an option:
   - **Put [caller] on hold** to place the previous caller on hold while you answer the new incoming call.
   - **Merge with [caller]** to add the new caller to the current call.
   - **End call with [caller]** to end the previous call and answer the new call.
3. Tap the previous **On hold number entry** and select Swap to switch between the two calls. This places the new caller on hold and activates the previous call.

Call Log

The numbers of the calls you have dialed, received, or missed are stored in the Call log.

1. From a Home screen, tap **Phone**.
2. Tap **RECENT**. A list of recent calls is displayed. If the caller is in your contacts list, the caller's name is displayed.

Save a Recent Call to Your Contacts List

1. From a Home screen, tap **Phone** > **RECENT**.
2. Tap the call that contains the information that you want to save to your contacts list.
3. Tap **CREATE CONTACT**.

   – or –

   If you want to replace the number for an existing contact, tap **UPDATE EXISTING**.

Delete a Call from the Call Log

1. From a Home screen, tap **Phone** > **RECENT**.
2. Touch and hold the call you want to delete from the Call log.
3. Tap **DELETE**.

Add a Call to the Reject List

By adding a caller to your Reject list, future calls from this number will be sent directly to your voicemail.

1. From a Home screen, tap **Phone** > **RECENT**.
2. Tap the caller you want to add to the Reject list.
3. Tap **MORE** > **Add to Auto reject list**.

Speed Dial

You can assign a shortcut number to a contact for speed dialing their default number.

Create a Speed Dial

1. From a Home screen, tap **Apps** > **Phone** > **CONTACTS**.
2. Tap **MORE** > **Speed dial**. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
3. Tap an unused number (**Add contact**).
4. Tap a contact to assign to the number. The selected contact displays in the speed dial number box.

Make a Call Using Speed Dial

1. From a Home screen, tap **Phone** > **Keypad**.
2. Touch and hold the speed dial number.
   - If the speed dial number is more than one digit long, enter the first digits, then hold the last digit.

Remove a Speed Dial

1. From a Home screen, tap **Apps** > **Phone** > **Contacts**.
2. Tap **MORE** > **Speed dial**.
3. Find the contact to remove from Speed dial and tap **Remove**.

Emergency Calls

The Emergency calling mode makes redialing an emergency number a one-tap process.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Make an Emergency Call without a SIM Card

Without a SIM card, you can only make an emergency call with the phone; normal cell phone service is not available.

1. From a secured Lock screen, tap and drag the **phone** icon.
2. Tap **EMERGENCY CALL**.
3. Enter 911 and tap **Dial**.
4. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

Make an Emergency Call with a SIM Card

1. From a Home screen, tap **Phone**.
2. Enter 911 and tap **Dial**.

Voicemail

Set up and configure your voicemail.

Set Up Your Voicemail

1. From the Home screen, tap **Phone** > **Voicemail**.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Access Your Voicemail

1. From the Home screen, tap **Phone** > **Voicemail**.
   - You may be prompted to enter a password.
2. When connected, follow the voice prompts from the voicemail center.

Access Your Voicemail from Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the * **Asterisk** or **Star** key on the phone you are using.
3. Enter your password and you are connected to your voicemail.

Applications

The Apps list displays all applications installed on your device, both preloaded apps and apps you download and install yourself.

Learn how to change the way apps appear, organize apps into folders, and uninstall or disable apps.

Apps List

The Apps list shows all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to apps can be placed on any of the Home screens. For more information, see "Add a Shortcut to a Home Screen" on page 18.

Access Applications

1. From a Home screen, tap **Apps**.
2. Tap an application's icon to launch it.
3. To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device.

- **Play Store**: Download new apps from the Google Play store. Visit play.google.com/store/apps to learn more.
- **Galaxy Apps**: View and download Samsung apps that are optimized for use with Galaxy devices. Visit samsung.com/levant/apps/mobile/galaxyapps to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

To uninstall or disable an app:

1. From a Home screen, tap **Apps**.
2. Tap **EDIT**. Apps that can be uninstalled or disabled show **Uninstall/Disable** on their icon.
3. Tap **Uninstall/Disable** and follow the prompts to either uninstall or disable the app.

To enable apps after disabling them:

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Swipe to the DISABLED screen and tap the app you want to enable.
3. Tap **ENABLE**. The app will appear again in the Apps list.

For more information, see “Disabled Services” on page 146.

Organize Your Apps

The Apps icons can be organized into folders and rearranged in a custom order.

Change the Order Apps Are Listed

1. From a Home screen, tap **Apps**.
2. Tap **EDIT**.
3. Touch and hold an app icon or folder and drag it to a new location.
4. Tap **DONE** when finished.

Use Folders to Organize Apps

1. From a Home screen, tap **Apps** > **EDIT**.
2. Touch and hold an app icon and drag it on top of another app until a highlighted box appears.
3. Release the app icon to create the folder.
   - Tap **Enter folder name** to name the folder.
   - Tap **Palette** to change the folder color.
4. Tap anywhere outside of the folder to close it.
   - To add more apps, touch an hold an app icon and drag it to the folder.
5. Tap **DONE** when you are finished.

Google Apps

Enjoy these apps from Google.

Note: Certain apps require a Google Account. Visit google.com to learn more.

Chrome

Use Google Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

Visit google.com/chrome/browser/mobile to learn more.

Drive

Open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Gmail

Send and receive email with Gmail, Google's web-based email service.

Visit gmail.com to learn more.

Google

Search not only the Internet, but also the apps and contents of your device.

Google Now

Google Now works in the background to collect information you regularly look up and organize it into convenient cards that appear when you need them.

Visit google.com/landing/now to learn more.

Press and hold the **Home** key.

Note: When Google Now is enabled, you can also access it by touching **Google**.

Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application you want to configure. For example, sign in to Google+ to configure Google+ settings.

Google+

Stay connected and share with Google+. Chat with friends and family, post photos, and see what others are sharing.

Visit google.com/mobile/+ to learn more.

Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/hangouts to learn more.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps. For more information, see “Location” on page 161.

Visit google.com/maps to learn more.

Photos

This application automatically backs up your photos and videos to your Google+ account.

Visit google.com/+/learnmore/photos to learn more.

Play Books

With Google Play Books, you can find millions of free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Play Games

Discover hundreds of games for download and purchase from the Google Play store.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Play Music

With Google Play Music, you can play music and audio files on your device.

Visit play.google.com/about/music to learn more.

Play Newsstand

Subscribe to your favorite magazines to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

Visit play.google.com to learn more.

Voice Search

Use voice commands to search the web with Google.

YouTube

View and upload YouTube videos right from your device.

Visit youtube.com to learn more.

TracFone Apps

Enjoy these apps from TracFone.

My Account Downloader

This application provides access to your current account information.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

1. From a Home screen, tap **Apps** > **Calculator**.
2. Enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key.
4. Enter the next number.
5. To view the result, tap the **Equals** key.

Additional Functions

To clear the results:

► Tap C **Clear** key.

To clear the calculator history:

► Tap **HISTORY** > **CLEAR HISTORY**.

Tip: Tap **KEYPAD** to return to the calculator keys.

To copy all or part of the calculation to the clipboard:

► Touch and hold an entry in the display field.

Scientific Calculator

Turn the device landscape to use advanced arithmetic functions, such as *sin*, *cos*, and *tan*.

Calendar

Manage your calendar events and tasks.

Create an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **Add** to add an event.
3. Enter details for the event, and then tap **SAVE**.

Delete an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event to view it, and then tap **DELETE**.

Share an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event to view it.
3. Tap **SHARE** and tap a sharing format.
4. In the Share via window, tap a sharing method and follow the prompts.

Create a Task

Tasks are items you add to the calendar to be accomplished on a certain day. A task appears as a checklist item and is removed once you mark the task as complete.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the drop-down menu in the top left corner (by default, the Month and Year are shown) and tap **Tasks**.
3. Tap the **Enter new task** field to enter a new task.
4. You can choose to set the task for **TODAY**, **TOMORROW**, or tap **Expand** to set the following options:
   - **Due date**: Tap **ON/OFF** to select a date on the calendar for the task.
   - **Reminder**: Tap to set a reminder alert.
   - **Notes**: Tap to save a note with your task.
   - **Priority**: Tap to assign a priority to the task.
5. Tap **SAVE** to save the task.

Delete a Task

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap a day on the calendar to view the tasks for the day, or select **Tasks** from the drop down menu.
3. Tap the check box by the task to mark it as complete and remove it from the calendar.
4. To delete the task permanently, tap the task to open it, and then tap **DELETE**.

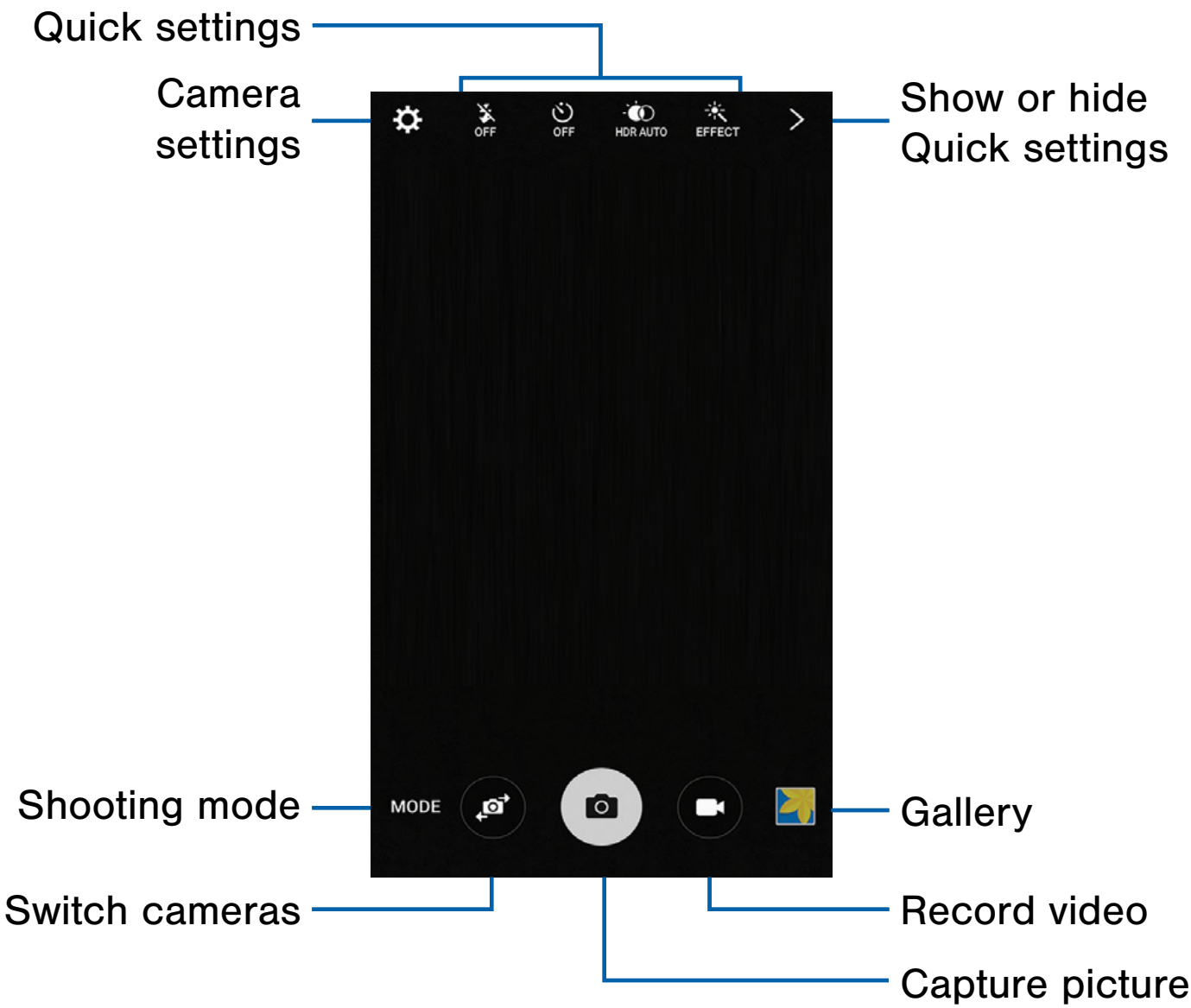
Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the prompts.

Camera

Take pictures and videos with the Camera app.



- **Camera settings**: Tap to change camera settings.
- **Gallery**: Tap to open the Gallery to view photos and videos.
- **Quick settings**: Quick access to select camera settings or options.
- **Record video**: Tap to record a video.
- **Shooting mode**: Tap to change the shooting mode.
- **Show or hide Quick settings**: Tap to show or hide the Quick settings.
- **Switch cameras**: Tap to switch between the rear and front cameras.
- **Take a picture**: Tap to take a picture.

Take Pictures

Take pictures with your device's front or back camera, or combine shots with Dual mode.

1. From a Home screen, tap **Apps** > **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the onscreen options or these gestures:
   - Touch the screen with two fingers and pinch or spread them on the screen to zoom in or out.
   - Tap the screen to focus on the area you touched.
3. If desired, before taking the photo, you can touch onscreen icons to access various camera options and settings. You can also touch the screen to move the focus field to the area you touch.
4. Tap **Take picture** to take the picture.

Note: You can also press the **Volume** key up or down to take a picture. This is the default action of the Volume key. You can also set the Volume key to act as the video record key or as a zoom key.

Shooting Mode

Several visual effects are available. Modes differ by which camera is active (front or rear facing).

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **MODE** to view the following options. Each section indicates which camera (front or rear) the modes are available for.

Both cameras

- **Virtual shot**: Create multi-directional views of objects.
- **Download**: Download additional shooting modes from the Galaxy Apps store.

Rear camera

- **Auto**: Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
- **Pro**: Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.
- **Selective focus**: Change the focus of pictures after they have been taken. You can focus on subjects near to the camera, far away from the camera, or both.
- **Panorama**: Create a linear image by taking pictures in either a horizontal or vertical direction.
- **Slow motion**: Record videos at a high frame rate for viewing in slow motion. You can play a specific section of each video in slow motion after recording it.

- **Fast motion**: Record videos for viewing in fast motion. You can play a specific section of each video in fast motion after recording it.

Front camera

- **Selfie**: Take selfie shots and apply various effects, such as an airbrushed effect.
- **Wide selfie**: Take wide-angle selfie shots to fit more people into your pictures.
- **Interval shot**: Select the best pictures from a series of continuous shots taken at set intervals.

Camera Settings

1. From a Home screen, tap **Apps** > **Camera**.
2. Quick settings are listed across one side of the camera view finder. Available options vary depending on the camera or recording mode used. Default settings include:
   - **Flash**: Activate or deactivate the flash (rear camera only).
   - **Beauty**: Take a picture with lightened faces for gentler images (front camera only).
   - **Timer**: Take time-delayed pictures or videos.
   - **HDR (rich tone)**: Save the picture in HDR (rich tone) only.
   - **Effect**: Add special graphical effects.

3. Tap **Settings** to configure settings for Camera. Available options vary depending on the camera/recording mode used.

Both cameras

- **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
- **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Video stabilization**: Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.
- **Grid lines**: Display viewfinder grid lines to help composition when selecting subjects.
- **Location tags**: Attach a GPS location tag to the picture.
- **Review pictures**: Set to show pictures after taking them.
- **Quick launch**: Open camera by pressing the Home key twice in quick succession.
- **Voice control**: To take pictures say smile, cheese, capture, or shoot. To record videos, say Record video.
- **Volume keys function**: Use the Volume key as the camera key, the record key, or as a zoom key.
- **Shutter sound**: Enable or disable a shutter sound when pictures are taken.
- **Reset settings**: Reset the camera settings.
- **Help**: View information on using the camera.

Rear camera

- **Tracking AF**: Focus on and track a subject selected on the preview screen.

Front camera

- **Gesture control**: Detect palm and automatically take a picture two seconds later.
- **Save as horizontally flipped**: Save the self-portrait or self-recording as a reversed (or ‘mirrored’) image.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap a tab to use a feature:
   - **Alarm**: This feature allows you to set an alarm to ring at a specific time.
   - **World clock**: View the time of day or night in other parts of the world. World clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: You can use this option to measure intervals of time.
   - **Timer**: You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap the following items to configure an alarm:
   - **Date**: Choose the day for this alarm.
   - **Time**: Set a time for the alarm.
   - **Repeat weekly**: Choose when to repeat the alarm, if so desired.

- **KEYPAD**: Tap to use a keypad to enter an alarm time.
- **OPTIONS**: Tap to view and set the following options:
  - **Alarm type**: Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.
  - **Volume**: Drag the slider to set the volume of the alarm.
  - **Alarm tone**: Choose a sound to play for the alarm.
  - **Snooze**: Allow snoozing, and set interval and repeat values for the alarm while snoozing.
  - **Increasing volume**: Start playing the alarm tone at a low volume at an interval before the alarm time, and slowly increase in volume. Available when you have chosen an alarm type that includes sound.
  - **Alarm name**: Enter a name for the alarm.

3. Tap **SAVE** to save the alarm.

Delete an Alarm

1. From a Home screen, tap **Apps** > **Clock**.
2. Find the alarm in the alarm list (under the Alarm tab), and then tap **Delete** in the upper right corner of the alarm entry.

World Clock

The world clock lets you keep track of the current time in multiple cities around the globe.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **World clock**.
3. Tap **Search** and type a city.
4. Tap the city to view it on the map.
5. Tap **Add** to add the city to your world clock.
   - Repeat to add multiple cities.

Stopwatch

The stopwatch lets you time events down to the hundredth of a second.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Stopwatch**.
3. Tap **START** to begin timing.
4. Tap **STOP** to stop timing.
   - Additional options include LAP to keep track of laps, RESUME to continue timing, and RESET to reset the stopwatch to zero.

Timer

The timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Timer**.
3. Use the keypad to set the length of the timer.
4. Tap **START** to begin the timer.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts, including Google, Email, Facebook, and your Samsung account.

For more information on connecting with and managing your accounts through your device, see "Accounts" on page 171.

Note: The Contacts app is different from the CONTACTS tab in the Phone app. Although both list the contacts in your phone and accounts, the available options and functions are different.

Manage Contacts

Access your list of contacts by using the Contacts app. To access your Contacts list:

► From a Home screen, tap **Apps** > **Contacts**.

Find a Contact

You can search for a contact, or scroll the list to find one by name.

1. From a Home screen, tap **Apps** > Contacts.
2. Tap the **Search** field, and then enter characters to find contacts that match.

   – or –

   Tap a letter on the side of the list to jump directly to that letter in the alphabetical list.

Note: You can also press and slide across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Add**, and then tap contact fields to enter information.
   - Choose a storage account for the contact. You can store the contact on the device, your SIM card, or sync it with an account.
   - Tap **Contact photo** to assign a picture to the new contact.
   - Enter a name, phone number, email address, assign the contact to a group, and assign a ringtone. Tap the **ADD ANOTHER FIELD** to add additional contact information.
     - Tap **Add** to enter additional entries.
     - Tap **Remove** to remove an entry.
     - Tap **Expand** for additional fields.
     - Tap the label to the right of an entry to choose a label for the field (for example, Home or Work).
3. Tap **SAVE**.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **EDIT**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **SAVE**.

Share a Name Card

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **MORE** > **Share name card**.
3. Choose a sharing method and follow the prompts.

Link Contacts

When you have contacts from various sources (Gmail, Facebook, and so on), you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Link**.
3. Tap **LINK ANOTHER CONTACT**, and then select contact(s) to link to the original contact.
4. Tap **LINK**.

Unlink Contacts

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Link**.
3. Tap **Remove** beside contacts to unlink them from the main contact.

Delete Contacts

You can delete a single contact, or choose multiple contacts to delete.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Touch and hold a contact to select it. You can also tap other contacts, or tap the check box at the top of the screen to select all.
3. Tap **DELETE**.

Create a Shortcut to a Contact

You can create a shortcut to a contact on a Home screen to access their information directly from a Home screen.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to view it.
3. Tap **MORE** > **Add shortcut to Home screen**. The new shortcut displays in an empty area of the home screen.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps.

Mark Contacts as Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** (the star turns bright gold).

Remove Contacts from Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** (the star loses the gold color).

Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap **ADD**.
3. Tap fields to enter information about the group:
   - Tap **Create group in [location]** to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts. Tap the entries to select or unselect them.
   - Tap **Group name** to enter a name for the new group.
   - Tap **Add member** and select contact(s) to add to the new group, and then tap **DONE**.
   - Tap **Group ringtone** to assign a ringtone to members of the group.
4. Tap **SAVE**.

Rename a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **MORE** > **Edit group** and enter a new name.
4. Tap **SAVE**.

Add Contacts to a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **ADD**, and then tap the contacts you want to add.
4. Tap **DONE**.

Send a Message or an Email to a Group

You can send a text message or an email to members of a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **MORE** > **Send message or email**.
   - Tap either **Message** or **Email**.
   - Tap contacts to select them, or tap the check box at the top of the screen to select all, and then tap **DONE**. You will only see group members that have the appropriate contact information (a phone number or an email address) in their records.
   - For email, choose an account and follow the prompts.
4. Type your message and tap **SEND**.

Delete a Group

Preset groups, such as Family, cannot be deleted.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**.
3. Tap **DELETE**.
4. Tap the group category to open.
5. Tap the groups to select them or tap the check box at the top of the screen to select all
6. Tap **DELETE**.
7. Tap **Group only** to only delete the group, or tap **Groups and members** to delete the groups and the contacts in the groups.

Contact Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Email

Use the Email app to view and manage all your email accounts in one application.

To access Email:

► From a Home screen, tap **Apps** > **Email**.

Configure Email Accounts

You can configure Email for most accounts in just a few steps.

1. From a Home screen, tap **Apps** > **Email**.
2. Follow the onscreen instructions to set up your email account.

To add an Email account:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings** > **Add account**.
3. Enter your email address and password.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, tap **MORE** > **Settings**. Tap the email account to manage to display its settings.

View Multiple Email Accounts

You can view email you receive for all accounts on the Combined view screen or you can view email accounts individually.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap the drop-down menu at the top left of the screen to view the current account mailbox.
3. Tap on the account name to view:
   - **Combined inbox**: View all email in a combined inbox.
   - **[Account Name]**: View email for only one email account.

Manage Your Inbox

There are several tools available from the Inbox screen.

► From a Home screen, tap **Apps** > **Email**.

- Tap a message to read and reply or forward it.
- Tap **SEARCH** to search for key words in your email inbox.
- Tap **MORE** for additional message options like sorting, deleting, sharing and more.

Create and Send an Email Message

This section describes how to create and send an email using the Email app.

1. From a Home screen, tap **Apps** > **Email** > **Compose**.
2. Tap the **To** field to manually add an email address, or tap **Add Recipient** to select a recipient from Contacts or Groups.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact will be placed in the recipients field.
   - Tap **More** to add Cc and Bcc fields.
3. Tap the **Subject** and **Message** fields and use the onscreen keypad to enter text.
   - Tap **ATTACH** to add Files, Images, Audio, and more to your email.
   - Tap **MORE** for additional email options.
4. Review your message and tap **SEND**.

Delete Email Accounts

This section describes how to delete an email account.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap the account you want to remove.
4. Tap **REMOVE**. Confirm by tapping **REMOVE** on the prompt.

Email Settings

These settings allow you to modify settings associated with using the Email app.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Gallery

View, edit, and manage images and videos.

Note: Some functions described in this section are only available if there are images or videos in the Gallery.

View Images and Videos

Launching Gallery displays available folders. When another application, such as Email, saves an image, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap the drop-down menu in the upper left corner, and then tap an option to choose the way items display.
   - In Album view, you can create albums to organize your images. On the drop down menu, tap **Albums**, and then tap **MORE** > **Create album**.
   - In Time view, you can create events to organize your images. On the drop down menu, tap **Events**, and then tap **MORE** > **Create event**.

3. Depending on the view mode selected, either tap an image or video to view it, or first tap an album or folder and then tap an image or video.
4. When viewing an image or video, you can scroll left or right to view the next or previous image or video.

Zoom In and Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart on any place to zoom in. Pinch the screen to zoom out.

Play Videos

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap a video to view it.
4. Tap **Play** to play the video.

Trim Segments of a Video

1. Select a video, and then tap the screen once to see the video options.
2. Tap **Editor**, and then tap **Trim**.
3. Use the sliders at the bottom of the screen to trim the video. Move the left bracket to the desired starting point, and then move the right bracket to the desired ending point.
4. Tap **EXPORT** to save the video. Modify the File name or Resolution, and then tap **EXPORT** to confirm the changes.

Edit Images

1. While viewing an image, tap the screen once to see the image options.
2. Tap **Edit** to view and use the editing tools.

Delete Images

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap **MORE** > **Edit**.
4. Tap images to select them.
5. Tap **DELETE**.

Share Images

Use one of the following methods:

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap **MORE** > **Share**.
4. Tap images to select them, and then tap **SHARE**.
5. Tap a sharing service and follow the prompts to send the image or images.

Help

View tips and guidelines for using your device.

To access Help:

► From a Home screen, tap **Apps** > **Help**.

– or –

From a Home screen, tap **Apps** > **Settings** > **Help**.

For more information, see “Help” on page 184.

Internet

Access the Internet with a fully-featured web browser.

To access the Internet:

► From a Home screen, tap **Apps** > **Internet**.

Command Keys

The following command keys are available on the browser window:

- **Back** or **Back** key to return to the previous page.
- **Forward** to go forward to a recent page.
- **Home** to display your Internet Home screen.
- **Bookmarks** to manage bookmarked pages, saved pages, and history.
- **Tabs** to manage open tabs. The number on the icon indicates the number of tabs that are currently open.
- **Refresh** to refresh or reload the current Web page.

View a Web Site

To view a web site:

► Tap the address field, enter the web address, and then tap **Go** on the keyboard.

To zoom in or out:

► Tap the screen twice or pinch the screen to zoom out. Stretch the screen to zoom in.

Browser Tabs

Use tabs to open multiple web pages at the same time.

To open a new tab:

► Tap **Tabs** > **NEW TAB**.

To close a tab:

► Tap **Tabs** and then tap **Close tab**.

Bookmarks Page

The Bookmarks page stores Bookmarks, Saved pages, and History.

Save and Open Bookmarks

Bookmarking a web page saves the web address so that you can access it quickly.

To bookmark the current web page:

1. Tap **Bookmarks** > **ADD**.
2. Type a title for the bookmark and tap **SAVE**.

To open a bookmarked web page:

1. Tap **Bookmarks** > **BOOKMARKS**.
2. Tap a bookmark entry.

Saved Web Pages

Saving a web page stores the web page content on your device so that you can access it offline.

To save the current web page:

► Tap **MORE** > **Save web page**.

To view saved web pages:

1. Tap **Bookmarks** > **SAVED PAGES**.
2. Tap a saved page to open it in the browser.

View History

To view a list of recently visited web pages:

► Tap **Bookmarks** > **HISTORY**.

Share a Web Page

You can share the current web page with others and even print using the Share option.

1. Tap **MORE** > **Share**.
2. Tap a sharing method and follow the prompts.

Secret Mode

Pages viewed in secret mode do not appear within your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows.

Note: Any downloaded files will remain on your device after you close a secret tab.

To open a new secret tab:

► Tap **Tabs** > **MORE** > **New secret tab**.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap **Apps** > **Internet**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Memo

Use the Memo app to write and save notes on your device.

Compose a Memo

1. Tap **Apps** > **Tools** folder > **Memo**.
2. Tap **Create memo** and type a memo.
   - To change the category, tap **Category**.
   - To insert an image into the memo, tap **Image**.
   - To use your voice to insert text into the memo, tap **Voice**.
   - To add tasks, tap **Tasks**.
3. When finished creating your memo, tap **SAVE**.

Edit Memos

1. Tap **Apps** > **Tools** folder > **Memo**.
2. Tap a memo to view it.
3. Tap the content and make edits. When you are finished tap **SAVE**.

Browse Memos

► Tap **Apps** > **Tools** folder > **Memo**.

- Browse memo entries by swiping up or down.
- To search for a memo, tap **SEARCH**.

Memo Options

1. Tap **Apps** > **Tools** folder > **Memo**.
2. While browsing memos, tap **MORE** for the following options:
   - **Edit**: Select notes to delete or move.
   - **Share**: Share memos.
   - **Manage categories**: Create and manage categories to organize your memos.

Messages

Learn how to send and receive different messages using the default messaging app on your phone.

Types of Messages

Your default Messaging app provides the following message types:

- Text Messages (SMS)
- Multimedia Messages (MMS)

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type.

Create and Send Messages

This section describes how to create a send a message using the Messages app.

1. From a Home screen, tap **Messages** > **Compose**.
2. Tap the **Enter recipients** field to manually enter a recipient or tap **Add Recipient** to select a recipient from your Contacts or Groups.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact will be placed in the recipients field.
   - For the Group option, if the number of recipients is less than 10, all members in the group can be added by placing a check mark by the contacts, and then tapping **DONE**.
3. Tap the **Enter message** field enter a message.
   - Tap **Add emoticons** to choose an available emoticon from an onscreen list and then add it into your message (at the cursor location) if desired.
4. Review your message and tap **SEND**.

Note: If you exit a message before you send it, the message is automatically saved as a draft.

View New Messages

When you receive a new message, a new message icon appears on the Status bar.

To view the message:

► Open the Notification Panel and select the message. For more information, please see “Notification Panel” on page 25.

– or –

From a Home screen, tap **Messages**, and then tap the new message to view it.

- To play a multimedia message (audio or video), tap **Play**.
- To scroll through the list of messages, tap the screen and scroll up or down the page.

Delete Messages

To delete messages, follow these steps.

1. From a Home screen, tap **Messages**.
2. Tap **MORE** > **Edit**.
3. Tap each message you want to delete or tap the check box.
4. Tap **DELETE**.

Message Search

You can search through your messages by using the Message Search feature.

1. From a Home screen, tap **Messages**.
2. Tap **SEARCH**.
3. Enter a word or phrase to search for, and then tap **Search** on the keyboard.

Messages Settings

Configure the settings for text messages, multimedia messages, push messages, and so on.

► From a Home screen, tap **Apps** > **Messages** > **MORE** > **Settings**.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, please contact your wireless provider.

Emergency alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency alert message.

There are three types of Emergency alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER alerts (missing child alert)

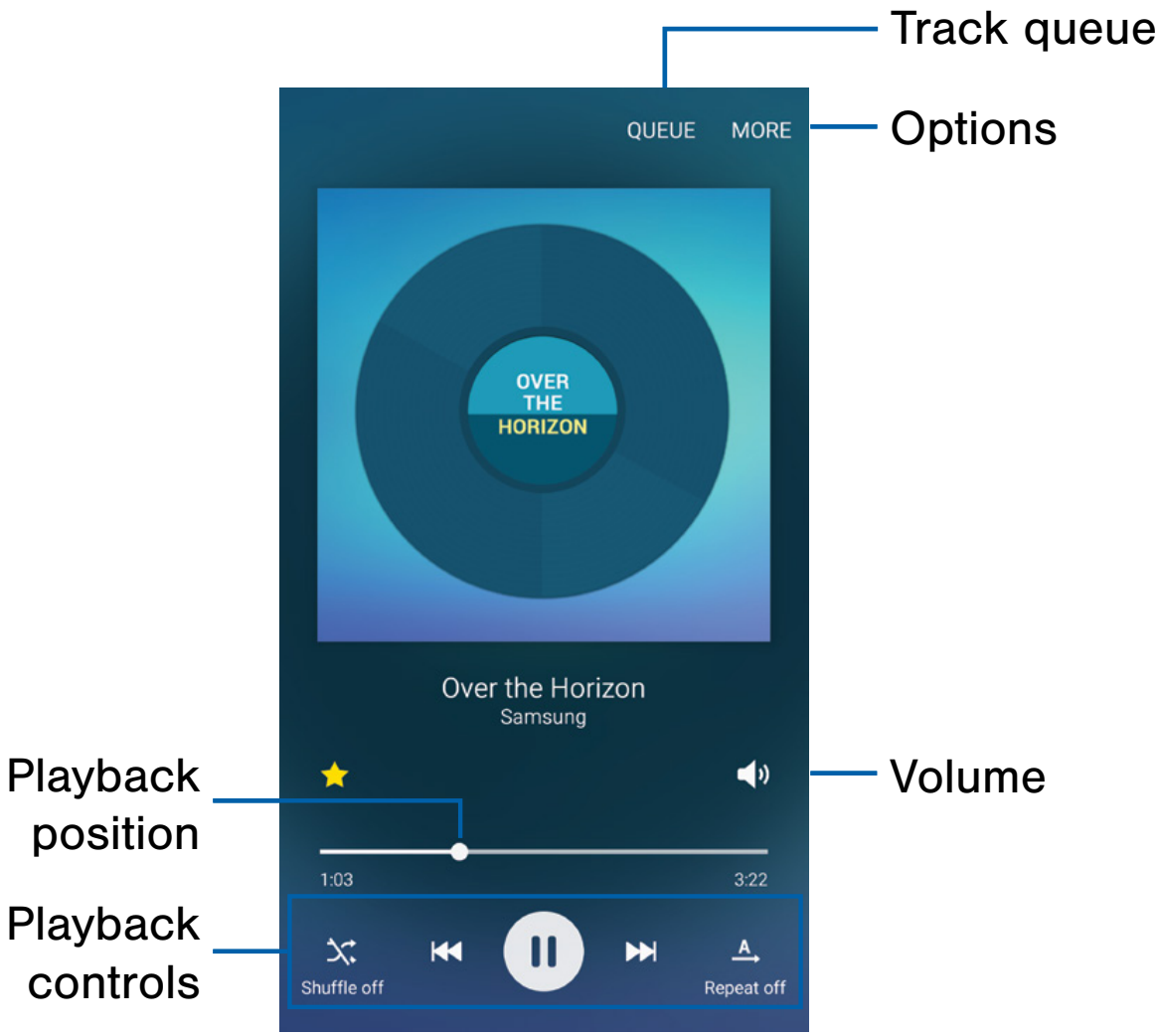
Users may choose not to receive Imminent threats (Extreme and Severe) and AMBER alerts. Alerts issued by the President cannot be disabled.

To disable Imminent threats and AMBER alerts, follow the instructions below:

1. From a Home screen, tap **Messages**.
2. Tap **MORE** > **Settings** > **Emergency alerts**.
3. Tap **Emergency alerts**.
4. All alerts are enabled by default. Tap an alert option to disable it. You cannot disable Presidential alerts.

Music Player

Listen to your favorite songs with the Music player. Navigate through your music library, play songs, and create customized playlists.



- **Options**: Tap to view more options.
- **Playback controls**: Tap the icons to change shuffle or repeat modes, fast-forward or rewind, or play or pause the current song.
- **Playback position**: Drag to skip to another part of the current song.
- **Track queue**: Tap to view the current song list being played.
- **Volume**: Tap to adjust the volume.

Listen to Music

1. From a Home screen, tap **Apps** > **Music.**
2. Tap a category at the top left of the screen to view your music files.
3. Scroll through the list of songs and tap a song to begin playback.
4. While playing music, use these controls:
   - Tap **Pause** to pause playback. To start playback again, tap **Play**.
   - Tap **Rewind** to move to the previous song. Tap **Fast-forward** to move to the next song.
   - Tap the repeat button to control playback. Choose to play all songs once. Choose to repeat all songs. Choose to repeat the current song.

- Tap the shuffle button to control the order songs are played. Choose to play songs in the order they appear in the list. Choose to play songs in random order.
- Tap **Favorite** to mark a song as a favorite. Whenever a song is a favorite, the star is gold. Favorite songs are included in the Favorites playlist.
- Tap **Volume** to set the volume. You can also set volume by pressing the **Volume** key on the side of the phone.

Note: When you close the Music screen, playback will continue in the background, allowing you to listen to music while using other features of your phone. When music is playing in the background, you can access playback controls from the Notification panel.

My Files

Access files stored on your device, including images, videos, songs, and sound clips.

To view files in My Files:

1. From a Home screen, tap **Apps** > **Tools** folder > **My Files**.
   - Tap a category to view the relevant files or folders.
2. Tap a file or folder to open it.

Manage Files

Files stored in the device are organized into the following groups:

- **Recent files**: View recently accessed files.
- **Category**: Files are grouped into the following categories:
  - **Images**: View image files.
  - **Videos**: View video files.
  - **Audio**: View audio files.
  - **Documents**: View document files.
  - **Download history**: View all apps and files that have been downloaded to the device.

- **Local storage**: View folders and files in their storage locations.
  - **Device storage**: View folders and files located on the device.
- **Cloud storage**: Contains shortcuts to FTP servers or other cloud storage locations that you have added.
  - **Google Drive**: Sign in to view folders and files located in your Google Drive account.
- **STORAGE USAGE**: Tap to view memory information for your device.

My Files Options

► From a Home screen, tap **Apps** > **Tools** folder > **My Files**. The following options are available:

- **SEARCH**: Search for a file or folder.
- **MORE**: Tap for the following options:
  - **Edit**: Edit files are shown in Recent files.
  - **Clear recent file history**: Clear the Recent files category.
  - **Show/Conceal hidden files**: Show or coneal hidden files.

Category Options

1. From a Home screen, tap **Apps** > **My Files**.
2. After tapping on a category, the following options are available:
   - **HOME**: Return to the main My Files screen.
   - **SEARCH**: Search for a file in the selected category.
   - **MORE**: Tap for the following options:
     - **Edit**: Select files or folders.
     - **Share**: Select files to share.
     - **View as**: Change the appearance of the files or folders.
     - **Sort by**: Change the sort order of the files.
     - **Show/Conceal hidden files**: Show or conceal hidden files.

Options for Selected Files and Folders

1. From a Home screen, tap **Apps** > **My Files**.
2. Tap **MORE** > **Edit**.
3. Tap a file or folder to select it, and then select one of these functions:
   - **DELETE**: Delete files or folders.
   - **MORE**: Select one of the following options:
     - **Move**: Move files or folders to another folder.
     - **Copy**: Copy files or folders to another folder
     - **Rename**: Rename a file or folder. This option only appears when just one file or folder is selected.
     - **Add shortcut on Home screen**: Add a shortcut the Home screen.

- **Compress**: Create a zip folder containing the selected files. This option only appears in Local Storage categories. A selected zip folder has the additional options of Extract and Extract to current folder.
- **Details**: View details of the selected file(s) or folder(s).

S Health

Use S Health to plan, track, and manage your health goals and activities, including exercise, sleep, and meals.

Note: This device and related software are not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease.

1. From Home, tap **Apps** > **S Health**.
2. Read and accept the terms and conditions.
3. Set up your health profile and goals.

Before You Start Exercising

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease;
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;
- Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
- Ankle swelling, especially at night;
- A heart murmur or a rapid or pronounced heartbeat;
- Muscle pain when walking upstairs or up a hill that goes away when you rest.

Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

- You are a man older than age 45 or a woman older than age 55;
- You have a family history of heart disease before age 55;
- You smoke or quit smoking in the past six months;
- You have not exercised for three months or more;
- You are overweight or obese;
- You have high blood pressure or high cholesterol;
- You have impaired glucose tolerance, also called prediabetes.

When in Doubt—Check It Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.

S Voice

Speak commands to perform operations on your device, and to speak criteria for searches and other operations.

Access S Voice

1. From a Home screen, tap **Apps** > **S Voice**.
2. Speak a command.
3. Tap the **microphone** icon if the device does not hear you, or to give it another command.

Tip: Tap Help for example commands and to view a tutorial.

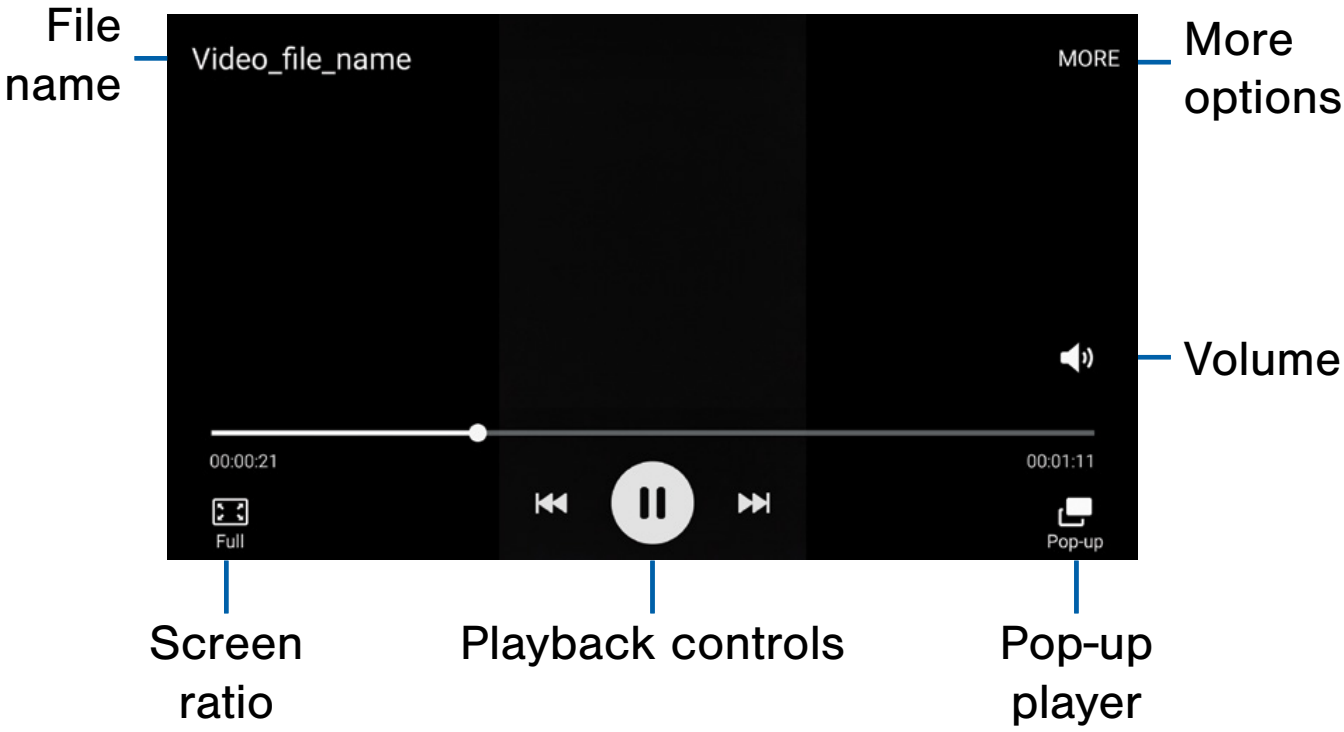
S Voice Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap **Apps** > **S Voice**.
2. Tap **Settings**.
3. Tap an option and follow the instructions.

Video Player

Play and manage videos stored on your device.



- **File name**: The name of the video file.
- **More options**: Tap to view more options.
- **Pop-up player**: Tap to open the video in the pop-up player window.
- **Screen ratio**: Change the screen ratio.
- **Playback controls**: Rewind, Pause or Play, and Fast-forward.
- **Volume**: Adjust the volume.

Access the Video Player

1. From a Home screen, tap **Apps** > **Video**.
2. Scroll through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Use Pop-up Player

Multitask with Pop-up player by transforming your video player into a pop-up window. The video will continue to play, and the pop-up player can be resized or moved anywhere on the screen.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap **Pop-up player** to continue playing the video in a floating window.
   - Drag the window to any location on the screen.
   - Use two fingers to pinch or spread to resize the floating window.

Change the Video Screen Size

You can change the size of the video is several ways during video playback.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap the screen ratio icon to cycle through the screen size options:
   - **Full**: The entire screen is used, which may cause some minor distortion.
   - **Keep ratio**: The video is enlarged to fit the screen without becoming distorted.

Voice Recorder

Record voice memos and notes.

Create a Voice Recording

1. From a Home screen, tap **Apps** > **Tools** folder > **Voice Recorder**.
2. Tap the drop-down menu in the upper left corner to choose the appropriate recording mode:
   - **Standard**: This recording mode picks up any sounds detected by the microphones.
   - **Interview**: The top and bottom microphones are used for two-directional recording. The top and bottom of the device pick up equal amounts of sound. Microphones can be muted during playback.
   - **Voice memo**: Voice input is converted to text on screen. The maximum recording time is five minutes.
3. Tap **Record** to record an audio file.
4. Tap **Stop** to stop recording. The file is automatically saved.
5. Tap **Pause** to pause the recording of an audio file.
6. Tap **Bookmark** to bookmark a position in the recording for later reference.
   - While recording, tap **MORE** > **Turn on Call rejection** to reject incoming calls during a recording.

Manage Recordings

Play, edit, delete, and share recordings.

1. From a Home screen, tap **Apps** > **Tools** folder > **Voice Recorder**.
2. Tap **Recordings**.
3. Tap a recording to play it back.
4. Tap **MORE** for additional options:
   - **Edit**: Tap to select recordings. Once selected, the following options are available:
     - **DELETE**: Delete the recording.
     - **MORE**: Tap to either **Rename** the file or **Write to Voice Label** (which writes the recording to an NFC voice label).
   - **Share**: Tap to select recording files, and then tap **SHARE** to select a sharing method.
   - **Search**: Tap to search for a recording.

Settings

Configure your device's connections and settings, add accounts, and customize the home screen, apps, and features.

Some options use an **ON/OFF** button to turn the option on (

) or off (

).

For some options, you must tap a field, such as **Email address**, to display and set options.

Some options are enabled or disabled by tapping a ✅ **check box**. When enabled, a check mark displays. Tap the check mark to remove it and disable the option.

How to Use Settings

Access Settings

► From a Home screen, tap **Apps** > **Settings**.

– or –

From a Home screen, drag down from the Status bar to display the Notification panel, and then tap **Settings**.

Categories of Settings

Settings are grouped in to four categories.

- **Connections**: Wi-Fi, Bluetooth, VPN, Mobile networks, and other connections.
- **Device**: Display, Sounds and notifications, and other device settings.
- **Personal**: Accounts, Lock screen and security, and other personal settings.
- **System**: Language and input, Date and time, Battery, Storage, and other system settings.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Search feature.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **SEARCH**.
   - Enter a word or words in the Search box. As you type, settings that match will appear on the screen.
   - Tap an entry to go to that setting.

Customize the Quick Settings Menu

Quick settings are the settings that you are most likely to frequently use. When you first access the Settings menu, the Quick settings are set to a default list of settings.

Change the Quick Settings List

You can change the Quick settings list to include your most frequently used settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **EDIT**.
   - Select additional settings to appear in your Quick settings menu. Settings that are already in the Quick settings menu are checked.
   - Uncheck a setting to remove it from the Quick settings list.
3. Tap **Back** to save your new Quick settings menu.

Wi-Fi

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a Wireless Access Point (WAP).

Wi-Fi Direct creates a direct connection between two or more devices using Wi-Fi.

Turn Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi**.
2. Tap **ON/OFF** to turn Wi-Fi on or off.

Wi-Fi Status Indicators

Status bar icons show your current Wi-Fi connection status:

- When Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP), displays.
- If a Wi-Fi access point is available, but your device is not connected to it, displays. It may also display if there is a communication issue with the target Wireless Access Point (WAP).

Scan and Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on. When Wi-Fi is turned on, your device will automatically scan for available networks and display them.
3. Tap the network you want to connect to. When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **MORE** > **Add network**.
4. Enter information about the Wi-Fi network:
   - Tap **Enter network name** to enter the name of the Wi-Fi network.
   - Tap the **Security** field and select a security option and enter your password.
   - Tap **Show advanced options** if you need to add advanced options such as IP settings and Proxy settings.
5. Tap **CONNECT** to store the new information and connect to your target WAP.

Wi-Fi Options

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **MORE** for options:
   - **Add network**: Manually add a Wi-Fi network.
   - **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
   - **WPS PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
   - **Smart network switch**: Connect to a mobile network automatically when the Wi-Fi connection is unstable. This uses your data plan.
   - **Advanced**:
     - **Show Wi-Fi pop-up**: When opening apps, see a pop-up window when Wi-Fi is available.
     - **Wi-Fi notifications**: Receive a notification when new Wireless Access Points (WAPs) are available.
     - **Passpoint**: Connect to passpoint-enabled Wi-Fi Access Points automatically.
     - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
     - **Always allow scanning**: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
     - **Install network certificates**: Install authentication certificates.

- **MAC address**: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
- **IP address**: View your device's IP address (not configurable).

- **Manage networks**: Configure saved Wi-Fi networks.

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on. Wi-Fi must be on to configure settings.
3. Tap **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.
4. After scanning for devices, select a device, and then follow the prompts to complete the connection.

Wi-Fi Direct Status Indicator

When your device is connected to another device using Wi-Fi Direct, displays in the Status bar.

Bluetooth

Bluetooth is a short-range communications technology that connects your phone wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on or off.

Bluetooth Status Indicator

When Bluetooth is turned on, displays in the Status bar.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
   - Tap **SCAN** to manually perform a new scan.

Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. Make sure that the target device is discoverable so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
4. Tap **SCAN**. Your device will start to scan for Bluetooth devices within range.
5. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Delete a Paired Device (Unpair)

When you unpair from a Bluetooth device, the two devices will no longer recognize each other. To connect again, you'd need to pair the devices.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Settings** next to the previously paired device, and then tap **Unpair** to delete the paired device.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as phone calls and Wi-Fi.

While in airplane mode, you can use other features, such as playing music, watching videos, and other online applications.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Airplane mode**, and then tap **ON/OFF** to enable or disable the option.

Note: You can also enable Airplane mode from the Device options menu. Press and hold the **Power** key, and then tap **Airplane mode**.

Data Usage

Monitor your mobile data usage.

Note: Your service provider may account for data usage differently.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Data usage** for options:
   - **Mobile data**: Enable mobile data. You can also control Mobile Data at the Notification panel.
   - **Set mobile data limit**: Your mobile data connection will be turned off when the specified limit is reached.
   - **Data usage cycle**: Tap the drop-down menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.
   - **By application**: View data usage by application.

3. Tap **MORE** for the following options:

   - **Restrict background data**: Restrict some apps and services from working unless you are connected to a Wi-Fi network.
   - **Show Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
   - **Restrict networks**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.

Mobile Networks

Control your device's access to networks and mobile data service.

► From a Home screen, tap **Apps** > **Settings** > **Mobile networks** for options:

- **Data roaming**: Allow your device to connect to data services while roaming.
- **Network mode**: Choose a preferred network mode.
- **System select**: Change the CDMA roaming mode.

NFC and Payment

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for features like Android Beam.

To activate NFC:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **NFC and payment**.
3. Tap **NFC**, and tap **ON/OFF** to turn NFC on.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **NFC and payment**.
3. Tap **NFC**, and tap **ON/OFF** to turn NFC on.
4. Tap **Android Beam**, and tap **ON/OFF** to turn Android Beam on.
5. Touch the back of your device with another NFC-capable device and the content is transferred.

Tap and Pay

Tap and pay allows you to select the default payment application you want to use for making purchases on your phone.

Note: NFC must be turned on in order to access Tap and pay.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **NFC and payment**.
3. Tap **NFC**, and tap **ON/OFF** to turn NFC on.
4. Tap **Back**, and tap **Tap and pay**.
5. Select the app that you want as your default.

More Connection Settings

This option displays additional connectivity information.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More connection settings** > **Printing**.
3. Tap a print service and follow the prompts.

Note: Tap **Download plug-in** to install additional print service drivers.

Download Booster

Download Booster improves download speed by using both Wi-Fi and LTE networks at the same time when downloading files over 30 MB in size.

Note: Download Booster uses mobile data services.

To turn on Download Booster:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More connection settings** > **Download booster**.
3. Tap **ON/OFF** to turn Download Booster on or off.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs).

Note: You must set a screen lock PIN or password before setting up a VPN. For more information, see "Lock Screen and Security" on page 151.

Add a VPN

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More connection settings** > **VPN**.
3. Tap **ADD VPN** and follow the prompts to set up your VPN.

Connect to a VPN

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More connection settings** > **VPN**.
3. Tap the VPN, enter your log in information, and tap **CONNECT**.

Edit or Delete a VPN

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More connection settings** > **VPN**.
3. Touch and hold the VPN that you want to edit or delete.

Default Messaging App

If you have multiple messaging apps installed, you can select which app should be your default messaging app.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **More connection settings**.
3. Tap **Default messaging app** to select a default.

Sounds and Notifications

Configure the sounds and vibrations used to indicate notifications, screen touches, and other activities.

Change the Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Sound mode**, and then choose a mode:
   - **Sound**: Your device uses the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
   - **Vibrate**: Your device vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
   - **Mute**: Your device mutes all sounds and notifications.

Adjust the Volume

Set the system volume level, and set default volume for call ringtones, notifications, and other audio.

Tip: You can also set System volume from the home screen by pressing the **Volume** key.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Volume**.

3. Drag the sliders to set the default volume for:
   - Ringtone
   - Media
   - Notifications
   - System

Ringtones and Sound

Select a Default Ringtone

Choose from preset ringtones or add your own.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Ringtones and sounds** > **Ringtone**.
3. Tap a ringtone to hear a preview and select it.

   – or –

   Tap **Add ringtone** to use an audio file as a ringtone.

Change the Notification Sound

Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Ringtones and sounds** > **Default notification sound**.
3. Tap a sound to hear a preview and select it.

Set Notification Sounds for Samsung Applications

Choose notification alerts for new messages, calendar events, and email.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Ringtones and sounds**, and tap to configure each option:
   - **Messages**: Configure message notifications and alerts.
   - **Calendar**: Configure event notifications.
   - **Email**: Configure email account notifications.

System Sounds

Set various other system sound options.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Ringtones and sounds**, and tap to enable each option:
   - **Touch sounds**: Play tones when you touch or tap the screen to make selections.
   - **Dialing keypad tone**: Play tone when the dialing keypad is tapped.
   - **Screen lock sounds**: Play a sound when you unlock the screen.
   - **Emergency tone**: Set emergency alert tones to **Alert**, **Vibrate**, or **Silent**.
   - **Keyboard sound**: Play a sound when the Samsung keyboard is tapped.

Vibrations

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Vibrations**.
   - Tap **Vibration intensity** and move the sliders to change the amount.
   - Tap **Vibration pattern** to choose a pattern.
   - Tap **ON/OFF** for each option to enable.
     - Vibrate while ringing
     - Vibration feedback
     - Keyboard vibration

Sound Quality and Effects

Choose from advanced sound options to customize your audio experience.

Sound Quality

Find the best sound setting for your preferences.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Sound quality and effects**.
3. Tap **Adapt Sound** and follow the prompts to customize your sound settings.

Sound Effects

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Sound quality and effects**.
3. Tap **ON/OFF** to enable each option:
   - **SoundAlive+**: Recreate the effects of rich surround sound.
   - **Tube Amp**: Simulate the soft timbre of a tube amplifier.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine what notifications can make sounds, and during what time periods you want to enter this mode.

To activate Do not disturb mode:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Do not disturb**.
3. Tap **ON/OFF** to enable this option.

Allow Exceptions

This option lets you customize what notifications are allowed while your phone is in Do not disturb mode.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Do not disturb**.
3. Tap **Allow exceptions**, and tap **ON/OFF** to enable the exceptions you want to allow.

Set Schedule

This option allows you to turn Do not disturb mode on and off automatically at scheduled times.

Note: Scheduling is not available if Do not disturb mode has been turned on manually.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Do not disturb**.
3. Tap **Set schedule**, and set the **Days**, **Start time**, and **End time**.

Notifications on Lock Screen

Choose what notifications can display while the device is locked.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **Notifications on lock screen** and choose an option.

App Notifications

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **App notifications** and choose an app to enable or disable notifications.

LED Indicator

Light up the LED indicator when charging, voice recording, or receiving notifications.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notification** > **LED indicator** to enable this feature.

Display

Configure your display's brightness, screen timeout delay, and other display settings.

Adjust the Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Under Brightness:
   - Tap **Auto** to allow the device to adjust brightness automatically.
   - To set a custom brightness level, clear the **Auto** check mark and drag the **Brightness** slider.

Note: You can also control Brightness from the Notification panel. Drag down the Status bar at the top of the screen to find the Brightness options.

Change the Font Style and Size

You can set the font style and size for all text that displays on the screen.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Font** to choose a font style and font size.
   - Drag the slider to adjust the font size.
   - Tap a font style to select a font, or tap **Download fonts** to find new fonts from Galaxy Apps.
3. Tap **DONE** to set the font size and style.

Set the Screen Timeout Delay

Choose how long the display screen remains lit after you tap the screen or press any key.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Screen timeout** and choose a time period.

Smart Stay

Using the front camera to detect your face, the screen will not time out as long as you are facing the screen.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Display** > **Smart stay**.
3. Tap **ON/OFF** to turn the feature on.

Select a Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the device automatically adapt the display depending on the type of image being displayed, and other criteria such as battery level.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Screen mode** and choose a screen mode:
   - To have your device automatically optimize the display to match the type of image being displayed and other criteria, such as battery level, tap **Adaptive display**.

     – or –

     Choose a specific type of screen mode based on what your are viewing.

Daydream

The Daydream setting controls what the screen displays when the device is docked (dock not included), or while charging. You can choose to display colors, or display photos stored on your device.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Daydream** > **ON/OFF** to turn Daydream on.
3. Configure options:
   - **Colors**: Tap the selector to display a changing screen of colors.
   - **Google Photos**: Display pictures from your Google+ account. (This option is only available if you are signed in to your Google Account.) Tap **Settings** for options.
   - **Photo Frame**: Display pictures in a photo frame. Tap **Settings** for options.

- **Photo Table**: Display pictures in a photo table. Tap ⚙ **Settings** for options.

4. Tap **MORE** for additional options:
   - **Preview**: See a demonstration of Daydream.
   - **Select when to daydream**: Select when your phone can go into daydream mode.

Motions and Gestures

Control certain device actions by touching the screen with the palm of your hand.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Motions and gestures**.
3. Tap **ON/OFF** to enable each of the following:
   - **Direct call**: Call the contact whose call log, message, or contact details are currently on the screen by bringing the device close to your ear.
   - **Smart alert**: Set the device to vibrate when you pick it up to notify you about missed calls and messages.
   - **Mute**: Mute sounds and video by covering the screen or turning over the device.
   - **Palm swipe to capture**: Capture an image of the screen when you sweep your hand left or right across the screen.

Application Settings

Manage settings for applications on your phone.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, you operate such software at your own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Swipe across the screen to display DOWNLOADED, RUNNING, or ALL to display memory usage for that category of applications.

The graph on the DOWNLOADED tab shows used and free device memory. The graph on the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.
   - To switch the order of the DOWNLOADED list, tap **MORE** > **Sort by size** or **Sort by name**.
   - To reset all of your application preferences, tap **MORE** > **Reset app preferences**.
   - Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
     - **FORCE STOP**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
     - **UNINSTALL UPDATES**: Delete the application from the device or uninstall updates made to apps that cannot be deleted.
     - **DISABLE**: Disable apps that cannot be deleted.
     - **Show notifications**: Tap the check box to either show or hide notifications from the app.
     - **CLEAR DATA**: Clear application data from memory.
     - **CLEAR CACHE**: Clear an application's temporary memory storage.

- **CLEAR DEFAULTS**: Clear an application's customization.

Running Services

View and control services running on your device.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **RUNNING** to view a list of running services.

   All the applications that are currently running on the device display.
3. Tap **MORE** > **Show cached processes** to display all the cached processes that are running. Tap **MORE** > **Show services in use** to switch back.
4. Tap one of the applications to view application information.
   - **STOP**: Stops the application from running on the device. This is usually done prior to uninstalling the application. (Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.)
   - **REPORT**: Report failure and other application information.

Note: Options vary by application.

Disabled Services

View and configure disabled apps on your device.

Note: This screen only appears if you have disabled an app on the Apps list.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **DISABLED** to view a list of applications you have disabled.
   - To switch the order of the DISABLED list, tap **MORE** > **Sort by size** or **Sort by date**.
   - To reset all of your application preferences, tap **MORE** > **Reset app preferences**.
3. Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
   - **FORCE STOP**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
   - **ENABLE**: This will move the application back to the Apps list.
     - **Show notifications**: Tap the check box to either show or hide notifications from the app.
   - **CLEAR DATA**: Clear application data from memory.
   - **CLEAR CACHE**: Clear an application's temporary memory storage.
   - **CLEAR DEFAULTS**: Clear an application's customization.

Note: Options vary by application.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

You can also use a simpler Home screen which provides an easier user experience for first-time smartphone users.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Default Applications**.
2. Tap **Home** and select a Home screen mode:
   - **TouchWiz easy home**: Provides an easier user experience for the first-time smartphone users.
   - **TouchWiz home**: The Home screen that originally displays on your phone.
3. Tap **Messages** and select a default messaging app.
4. To clear defaults you have set up, tap **CLEAR**.

Application Settings

Shortcuts to the settings for various apps are available in one convenient location.

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap one of the following to display the settings for the selected app:
   - Calendar
   - Camera
   - Contacts
   - Email
   - Internet
   - Messages
   - Music
   - Phone
   - S Voice
   - Weather

Wallpaper

Change the look of the home and lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, tap **Apps** > **Settings** > **Wallpaper**.
2. Tap **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Tap a image to preview it, and then tap **SET AS WALLPAPER**.
    - Tap **From Gallery** for additional wallpapers.

Themes

Set the theme to be applied to your home and lock screens, wallpapers, and app icons.

Apply Themes

1. From a Home screen, tap **Apps** > **Settings** > **Themes**.
   - Tap a theme to view a preview of various screens.
   - Tap **STORE** to download additional themes from the Theme Store with your Samsung account.
   - Tap **MORE** for help using this feature.
2. Tap **APPLY** to apply the selected theme.

Lock Screen and Security

Secure your device and protect your data with Lock Screen and Security settings.

Set a Screen Lock

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Screen lock type** to select a screen lock and level of security:
   - **Swipe**: Swipe the screen to unlock it. This option provides no security.
   - **Pattern**: A screen unlock pattern is a tap gesture you create and use to unlock your device. This option provides medium security.
   - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.
   - **Password**: Create a password for unlocking the screen. This option provides high security.
   - **Fingerprints**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
   - **None**: Never use a Lock screen.
3. If choosing a secured lock screen option, select your notification settings:
   - Show content
   - Hide content
   - Do not show notifications

4. Choose a screen lock option:
    - **Show information**: Show the dual clock, or information such as the weather information, on the lock screen.
    - **Unlock effect**: Set the visual effect used when unlocking the screen. (This option is available with Swipe only.)
    - **Secure lock settings**: Set your secure lock functions such as Secured lock time, and Smart lock. (This option is available with secure locks only, like PIN, Pattern, and Password.)

Note: Options vary based on the screen lock type.

Fingerprints

Use fingerprint recognition as an alternative to entering passwords in certain apps.

You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But in rare cases, the sensor may recognize a fingerprint that is similar to a registered fingerprint.**

Register a Fingerprint

You can register up to 3 fingerprints. A password will also be set up as an alternative to your fingerprint.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Fingerprints**.
   - To add a fingerprint, tap **Add fingerprint** and follow the instructions to register a fingerprint and password.
   - To rename a fingerprint, touch and hold the fingerprint, and then tap **RENAME**.
   - To delete a fingerprint, touch and hold the fingerprint, and then tap **REMOVE**.

Change Backup Password

You can change the backup password for your fingerprint.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Fingerprints**.
3. Tap **Change backup password** and enter a new password.

Fingerprint Verification

Fingerprint verification can be used for other accounts accessed from your phone.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Fingerprints**.
   - **Verify Samsung account**: Verify your identity using your fingerprint when logging in to your Samsung account.

Phone Security

Configure security for your phone.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Phone security**.
3. Tap **ON/OFF** to activate KNOX active protection on your phone.

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

► To access your device remotely, visit findmymobile.samsung.com.

Note: You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Find My Mobile**.
3. Enter your Samsung account password, or if you are not logged in to your Samsung account, tap **Add account** and follow the prompts.

   The following options are available:

   - **Remote controls**: Tap to activate or deactivate Remote controls, which allows you to access your device remotely.
   - **Google location service**: Tap to activate or deactivate Google location service. This service must be on in order to find your phone.
   - **SIM change alert**: Prevent unauthorized changes to your SIM card by being alerted whenever an app or service attempts to change data on your SIM card.
   - **Reactivation lock**: Use your Samsung account to stop anyone from reactivating you device without your permission.

Unknown Sources

Enable installation of non-Google Play applications.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Unknown sources** to enable this option.

Warning: Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Other Security Settings

This section contains other security features for your phone.

Encrypt Your Data

Require a numeric PIN or password to decrypt your device each time you power it on.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Encrypt phone** and follow the prompts to encrypt all data on your device.

Set Up or Change Your Factory Data Password

Protect your device from being reset accidentally by requiring a special password before it can be reset to its factory defaults.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Set up/change password** and follow the prompts.

SIM Card Lock

Require both your SIM card PIN and your ordinary screen lock type when unlocking the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Set up SIM card lock** and follow the prompts.
3. Tap **Lock SIM card** to turn the feature on.
4. Tap **Change SIM card PIN** to create a new PIN.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Make passwords visible** to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Security update service options:
   - **Security policy updates**: Automatically or manually check for security policy updates.
   - **Send security reports**: Send security reports to Samsung via Wi-Fi for threat analysis.

Phone Administration

Manage your phone administrators and application installation privileges.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Phone administrators**.
3. Tap **Android Device Manager** to allow it to lock or erase a lost device.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Credential storage options:
   - **Storage type**: Select a storage location for credential contents.
   - **View security certificates**: Display certificates in your device's ROM and other certificates you have installed.
   - **Install from phone storage**: Install a new certificate from storage.
   - **Clear credentials**: Erase the credential contents from the device and reset the password.

Advanced Security Settings

Use these options to configure advanced security settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Advanced options:
   - **Trust agents**: Perform selected actions when trusted devices are connected. (This option requires a screen lock.)
   - **Pin windows**: Pin an app on your device screen, preventing access to other features of you phone.

- **Usage data access**: View the applications that can access your device's usage history.
- **Notification access**: View the applications that can access notifications you receive on your phone.

Note: To view Trust agents, set up a screen lock (PIN, Password, or Pattern). For more information, see "Set a Screen Lock" on page 151.

Privacy and Safety

Choose from various modes designed to hide personal content from being accessed by anyone else using your device, or to aid you in an emergency.

Note: A secure screen lock (Pattern, PIN, Fingerprint, or Password) is required to use Private Mode.

Location

Some apps, such as Google maps, may require one or more location services be turned on for full functionality.

E911

This is a view only field. You cannot turn off E911 Location on any cell phone. E911 Location service is standard on all mobile phones to allow sharing of your GPS location with emergency personnel when you make a call to emergency services (such as 911). This setting is not configurable.

Locating Method

1. From a Home screen, tap **Apps** > **Settings** > **Privacy and safety** > **Location**.
2. Tap **ON/OFF** to turn on Location services.
3. Tap **Locating method** to select how your location is determined:
   - **High accuracy**: Use GPS, Wi-Fi, and mobile networks.
   - **Power saving**: Use Wi-Fi and mobile networks (no GPS).
   - **GPS only**: Use GPS only.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap **Apps** > **Settings** > **Privacy and safety** > **Location**.
2. Tap **ON/OFF** to turn on Location services.
3. Tap an entry under **Recent location requests** to view the app's settings.

Location Reporting

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap **Apps** > **Settings** > **Privacy and safety** > **Location**.
2. Tap **ON/OFF** to turn on Location services.
3. Tap **Google Location History** for options:
   - **Location Reporting**: Allow Google apps to use your device's most recent location data.
   - **Location History**: Allow Google to store a history of your location data. Tap **DELETE LOCATION HISTORY** to permanently delete your location history.
   - Sign in to your Google Account for additional options.

Private Mode

Hide personal content from being accessed by anyone else using your device. Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Password, or Fingerprint) is required to use Private Mode.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Privacy and safety** > **Private mode**.
3. Follow the prompts to learn about and set up Private mode.

Report Diagnostic Info

This feature sends diagnostic information about your phone when you are having technical problems.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Privacy and safety**, and then tap **ON/OFF** for **Report diagnostic info** to either enable or disable this feature.

Send SOS Messages

Send a quick alert to your primary contacts when you are in an emergency situation.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Privacy and safety** > **Send SOS messages**.
3. Tap **ON/OFF** to turn the feature on and configure the following options:
   - **Send messages to**: Add recipients by creating new contacts or selecting from Contacts.
   - **Attach pictures**: Send photos taken with the front and back cameras to your emergency contacts.
   - **Attach audio recording**: Send a short audio message to your emergency contacts.

To send a help message:

► Press the **Power** key quickly three times.

Easy Mode

Switch between the default screen layout and a simpler layout. The Easy Mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

1. From a Home screen, tap **Apps** > **Settings** > **Easy mode**.
2. Tap **Easy mode** to enable this feature. When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens.
3. Tap the check box next to the apps you want to add or remove.
4. When finished, tap **DONE**.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

Note: You can download additional accessibility applications from the Google Play store.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accessibility** for options:

Vision

- **Galaxy TalkBack**: Speak feedback aloud to help blind and low-vision users.
  - Galaxy TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
  - You can turn on Galaxy TalkBack from any screen by pressing the Home key quickly three times (triple-press).
- **Galaxy TalkBack help**: Tap for help on using Galaxy TalkBack.
- **Dark screen**: Keep the screen turned off at all times for privacy.
- **Rapid key input**: Release your finger to enter selection instead of double tapping.
- **Speak passwords**: Read the characters aloud as you enter your passwords.

- **Voice Label**: Write voice recordings to NFC tags to provide information about nearby objects.
- **Font size**: Set the font size.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Magnifier window**: Magnify content shown on the screen.
- **Grayscale**: Change all colors to gray.
- **Negative colors**: Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Color adjustment**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color. Tap Color adjustment for options.
- **Accessibility shortcut**: Quickly enable accessibility features in two quick steps. Tap **ON/OFF** to turn the feature on.
- **Text-to-speech options**: Set your preferred TTS engine and options. For more information, see "Text-To-Speech Options" on page 179.

Hearing

- **Sound detectors**: Alert when baby crying or the doorbell is detected.
- **Flash notification**: Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds**: For privacy, turn off all notifications and audio.
- **Hearing aids**: Improve the sound quality for use with hearing aids.
- **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available Tap Samsung subtitles (CC) for options.
- **Google subtitles (CC)**: Use Google subtitles with multimedia files when available. Tap Google subtitles (CC) for options.
- **Left and right sound balance**: Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: Switch audio from stereo to mono for use with one earphone.
- **Auto haptic**: The device will vibrate in time to the sound when listening to music, watching videos, or playing games. It will also vibrate when buttons are tapped in supported apps. This may consume battery power, and not all applications will support this feature.

Dexterity and interaction

- **Universal switch**: Control your phone with your customized switches.
- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Gesture wake up**: Wake up your device by waving your hand over the sensor.
- **Touch and hold delay**: Select a time interval for this tap action.
- **Interaction control**: Block areas of the screen from touch interaction. Disable Auto rotate screen and hard key functions. Only show application notifications in the Notification Panel and the Status bar.

More settings

- **Direction lock**: Unlock the screen by swiping in a series of four to eight directions.
- **Direct access**: Open your accessibility settings by pressing the Home key three times in quick succession.
- **Notification reminder**: Beep at set intervals to remind you of any unread notifications.
- **Answering and ending calls**: Select shortcuts for answering and ending calls.
- **Single tap mode**: Tap to stop/snooze alarms and calendar events.
- **Manage accessibility**: Export your accessibility settings and share them with another device.

Services

- Additional accessibility apps may be downloaded from the Google Play store. Certain accessibility services you install may be configured here.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **[Account type]**.
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap **MORE** > **Sync all** or **Sync now** to synchronize the account.

Note: Sync options and the location of the sync command differ depending on the account type.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **[Account type]**.
3. Tap an account to configure that account's sync settings.
4. Tap other available options for the account.

Delete an Account

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **[Account type]**.
3. Tap the account and then tap **MORE** > **Remove account**.

Backup and Reset

Back up your data to Google servers. You can also reset your device to its factory defaults.

Backup and Restore

Enable backup of your information to Google servers.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Backup and reset** for options:
   - **Backup account**: Select a Google Account to be used as your backup account.
   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
   - **Automatic restore**: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Return your device to its factory defaults.

Warning: This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **RESET PHONE** and follow the prompts to perform the reset.

Language and Input

Configure your device's language and input settings.

Set Your Default Language

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

Select Your Default Keyboard or Input Method

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Default keyboard**.
3. Select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play store.

Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input**.
3. Tap **Samsung keyboard** for options:
   - **English(US)**: Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
   - **Select input languages**: Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
   - **Predictive text**: Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
   - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

Swype Keyboard Settings

Configure options for using the Swype keyboard.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input**.
3. Tap Swype for options:
   - **Settings**: Configure basic options.
   - **Themes**: Change the keyboard layout.
   - **My Words**: Manage your personal dictionary, new word updates, as well as how Swype can learn from your writing style in various apps.
   - **Languages**: Set the current language. Additional languages can be downloaded.
   - **Gestures**: Learn about using Swype gestures.
   - **Help**: View information on using Swype.

Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options:
   - **Language**: Select languages for Google voice typing.
   - **“Ok Google” detection**: Tap to launch a Google search whenever you say “Ok Google”.
   - **Hands-free**: Allow requests with the device locked.
   - **Speech output**: Select options for spoken feedback.

- **Block offensive words**: Hide words many people find offensive are in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
- **Bluetooth headset**: Use audio input from a Bluetooth headset (not included) if one is connected.

Note: Sign in to your Google Account for additional options.

Voice Input

Use Google voice recognition to perform Google searches using spoken commands.

To perform a voice search, tap **Voice** in the Google search bar or widget. Or say “Ok Google” to launch a Google search (if the hotword detection option is enabled).

► From a Home screen, tap **Apps** > **Settings**.

- Tap **Language and input** > **Voice input** for options.
- Tap **Enhanced Google services** for full voice interaction or **Basic Google recognition** for simple voice recognition.
- Tap **Settings** next to the selected option to configure its options.

Text-To-Speech Options

Configure your Text-To-Speech (TTS) options. TTS is used for various accessibility features, such as Galaxy TalkBack.
For more information, see "Accessibility" on page 166.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Text-to-speech options** for options:
   - Tap **Settings** next to the Samsung or Google text-to speech engine for options.
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Default language status**: Display the default language in use.

Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Pointer speed**.
3. Drag the slider to the right to go faster or to the left to go slower.
4. Tap **OK** to save your setting.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Battery** for options:
   - **Power saving mode**: Tap **ON/OFF** to turn the feature on, and customize options.
   - **Ultra power saving mode**: Tap **ON/OFF** to turn the feature on.
   - **Display battery percentage**: Display the battery charge percentage next to the battery icon on the Status bar.
   - **Battery Chart**: The battery level displays as a percentage. The amount of time the battery has been used also displays.
   - Tap **REFRESH** to update the listing.

Storage

View the device memory and usage.

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Storage**.
   - The Device memory displays Total space.
   - The amounts of memory used are further divided into:
     - **Available space**: The amount of storage space currently available.
     - **System memory**: The minimum amount of storage space required to run the system.
     - **Used space**: The amount of storage space currently being used.
     - **Cached data**: The amount of data currently cached.
     - **Miscellaneous files**: The amount of memory used to store miscellaneous files.

To increase available memory:

1. Tap **Cached data** to clear cached data for all apps. Tap **DELETE** to confirm.
2. Tap **Miscellaneous files**, select unnecessary files individually, or tap **SELECT ALL**, and then tap **DELETE**.

Date and Time

By default, your device receives date and time information from the wireless network. When outside network coverage, you can set the date and time manually.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Date and time**.
3. The following options are available:
   - **Automatic date and time**: When enabled, the device takes date and time updates from the wireless network.
   - **Automatic time zone**: When enabled, the device takes the time zone from the wireless network.
   - **Set date**: Enter the current date (only available when Automatic date and time is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
   - **Use 24-hour format**: Set the format for time displays.
   - **Select date format**: Set the format for date displays.

Help

View tips and guidelines for using your device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Help** for information about:
   - New features
   - Getting started
   - Applications
   - Settings

About Phone

View information about your device, including status, legal information, hardware and software versions, and a tutorial.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **About phone**, and then tap items for more details:
   - **Status**: View the status of the battery, network, and other information about your device.
   - **Legal information**: View legal notices and other legal information.
   - **Device name**: View and change your device's name.
   - Additional device information includes the Model number, Android version, Build number, and more.

Software Update

Check for and install available software updates.

Software Updates

Use System updates to update your device's software.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Software update**.
3. Follow the prompts to check for available software updates to download and install.